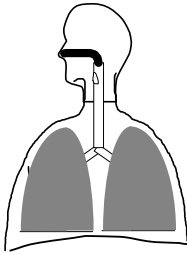
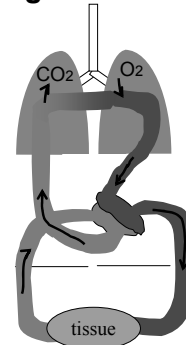


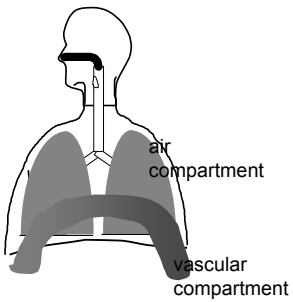
The Lungs



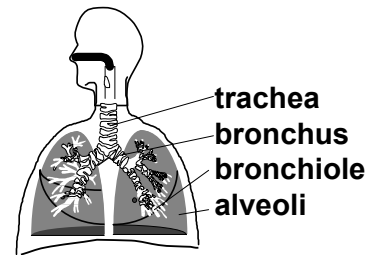
Gas exchange



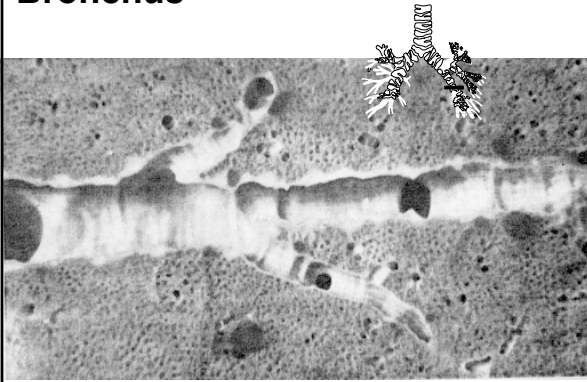
Lung compartments



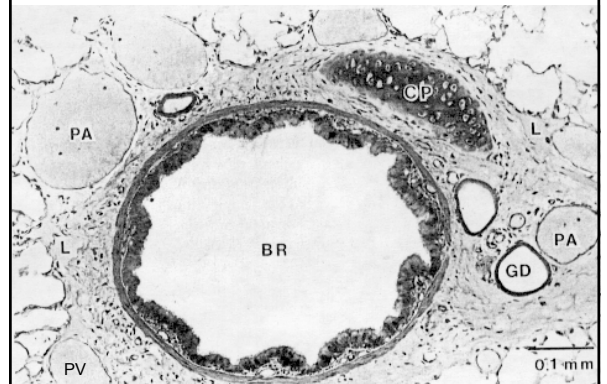
The airway



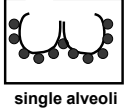
Bronchus



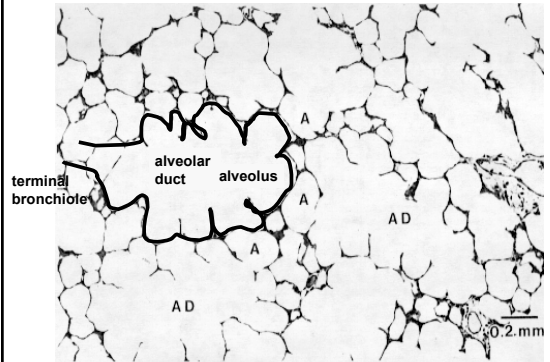
Proximal bronchus



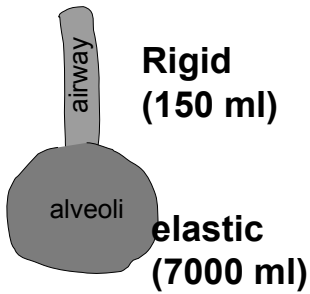
The distal airway



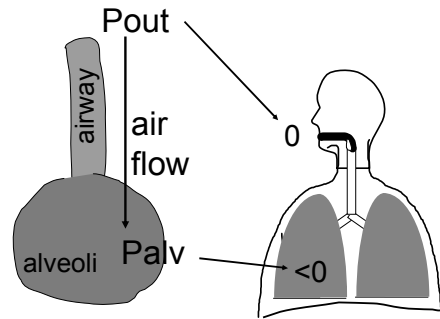
The distal airway



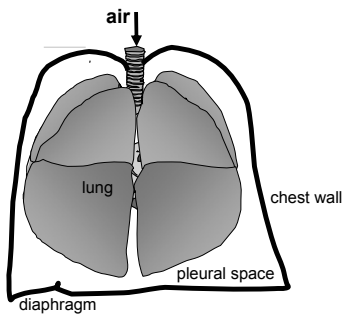
Lung airflow zones



Poiseuille: $F = (P_{out} - P_{alv})/R$



Balloon-in-box model of lung



Breathing

