



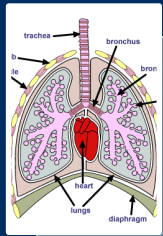
Emergency and Critical Care



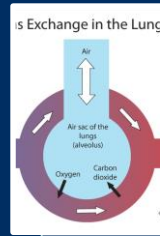
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Ventilation and Perfusion

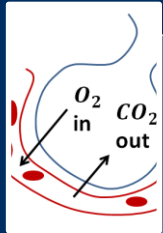
Ventilation, Perfusion, and Diffusion



Ventilation



Perfusion



Diffusion



Ventilation/Perfusion defect

V/Q

Ventilation/Perfusion (V/Q) Ratio



Ventilation, Perfusion, and Diffusion

- Causes of V/Q Problems
- Types of V/Q Abnormalities
 - Normal “C”
 - Dead space unit “B”
 - Shunt unit “A”
 - Silent unit or total shunt

