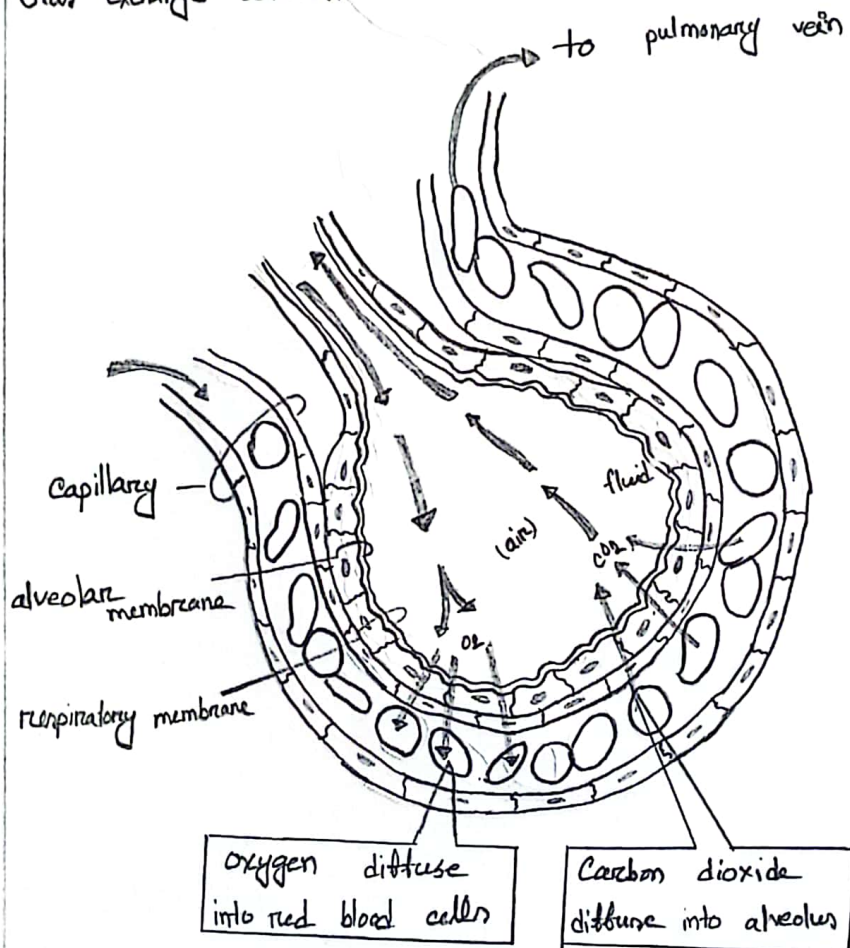


Gas exchange mechanism.

Gas exchange between alveoli and capillaries



Gas exchange between the alveoli and capillaries is a crucial process in the respiratory system. Here is the a detailed explanation of this process:

Gas exchange involves inhalation, Alveoli, O₂ → Diffusion, CO₂ diffusion and exhalation. The large surface area provided by the alveoli - and the alveolar capillary walls - to facilitate efficient diffusion.