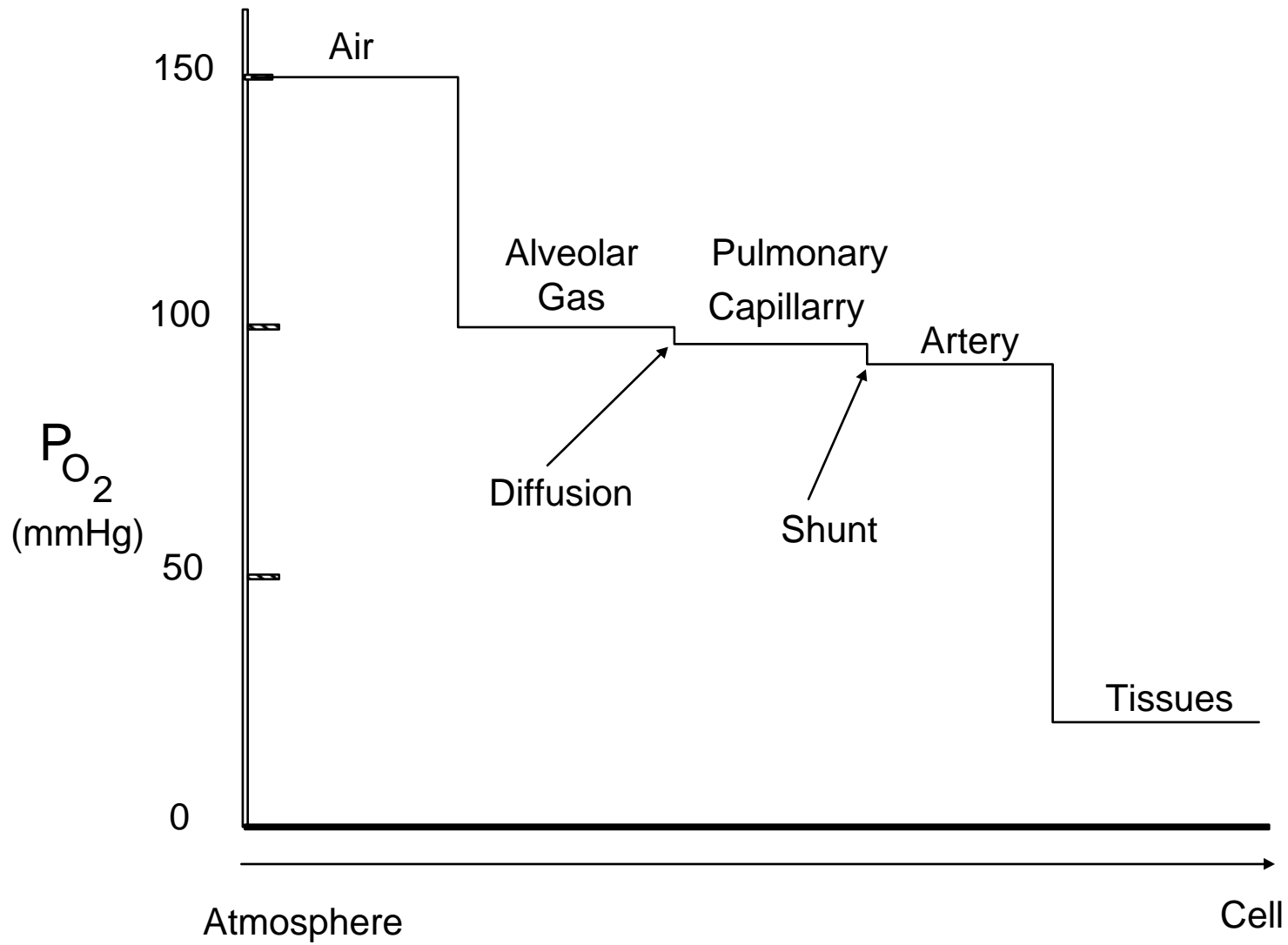
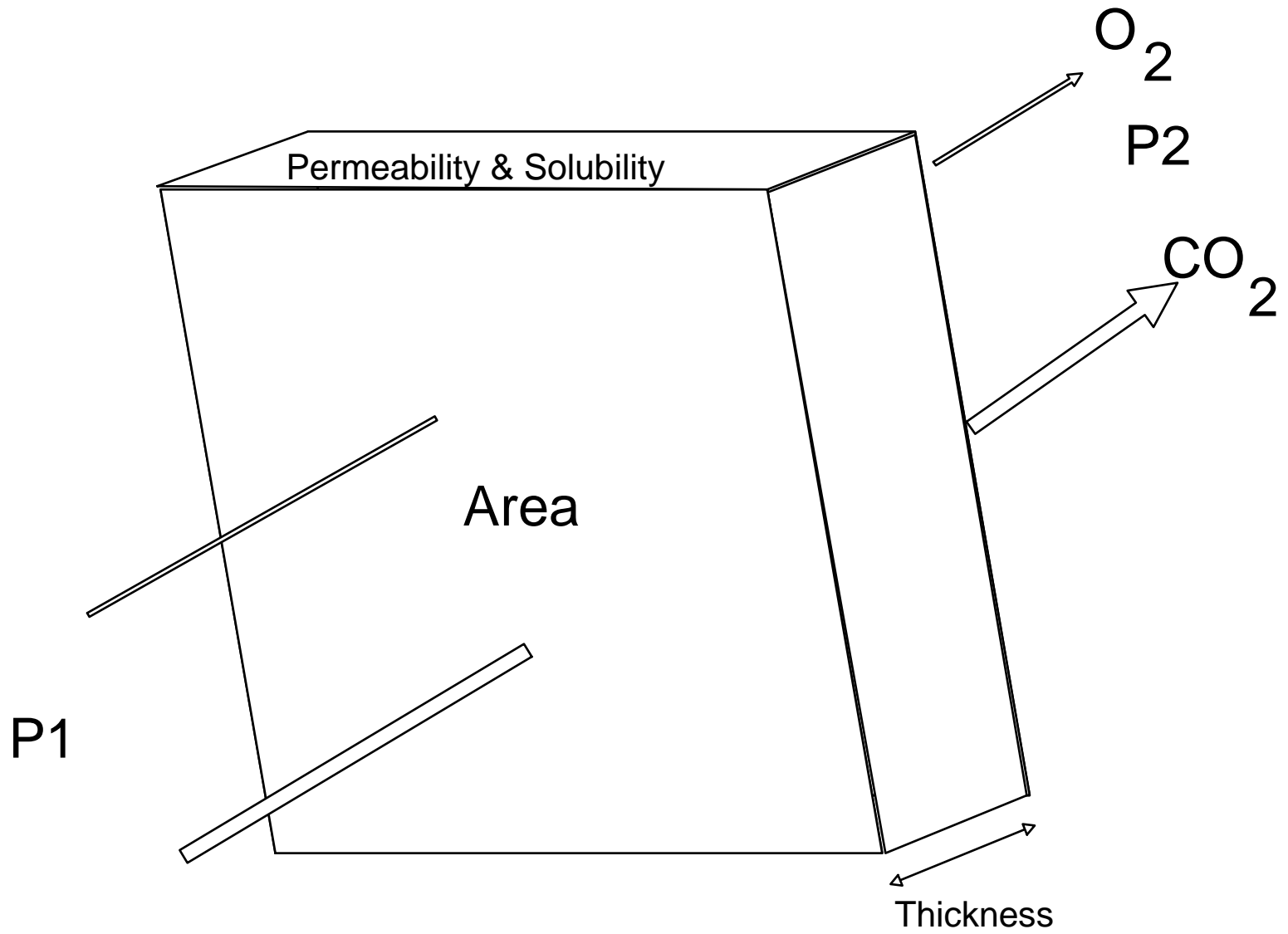


Alveolar-to-Pulmonary Capillary Transfer

Diffusion Time

Gravity





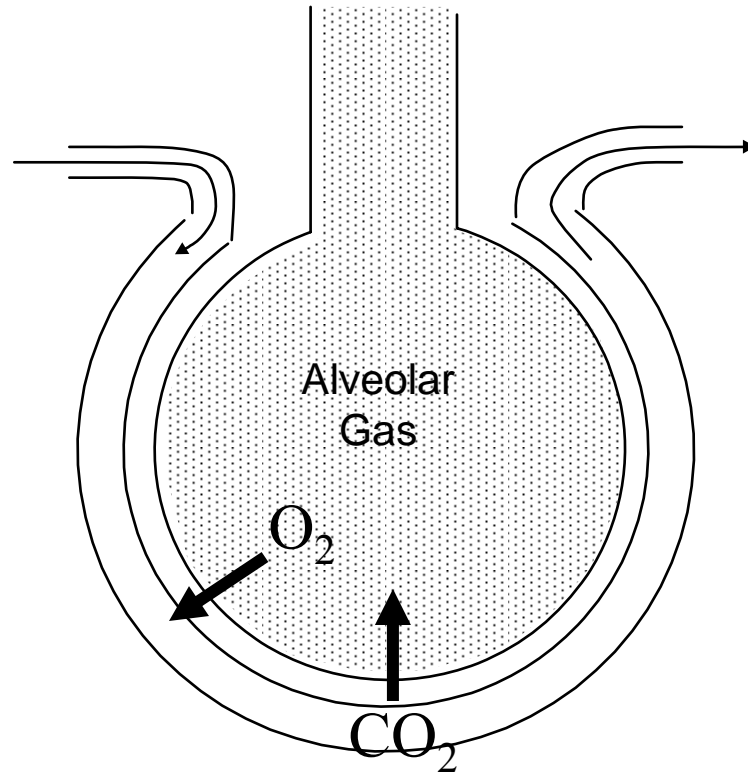
$$J = DA\alpha \frac{\Delta P}{X}$$

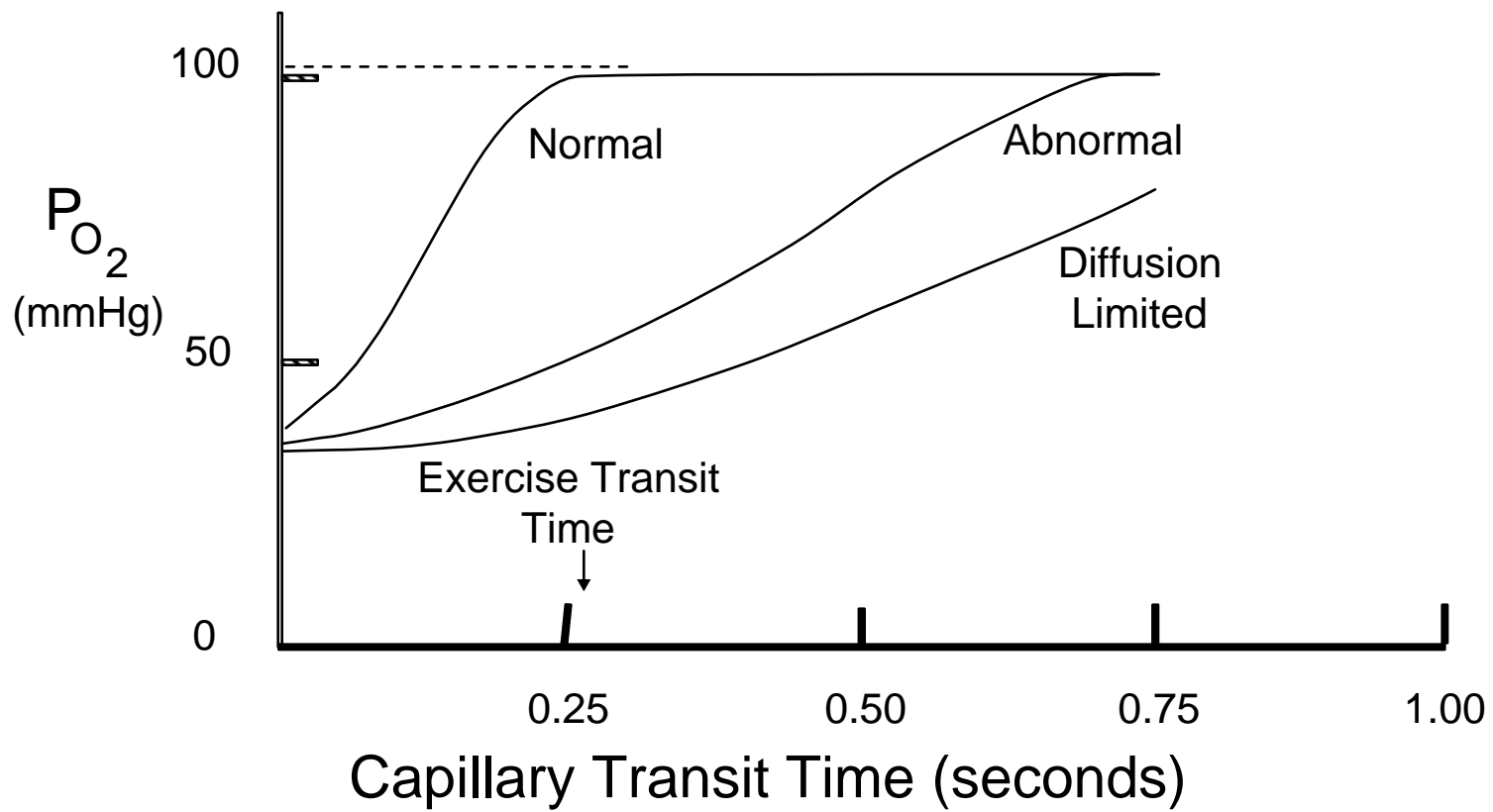
$$D_L = \frac{DA\alpha}{X}$$

$$J = \dot{V}_{O_2}$$

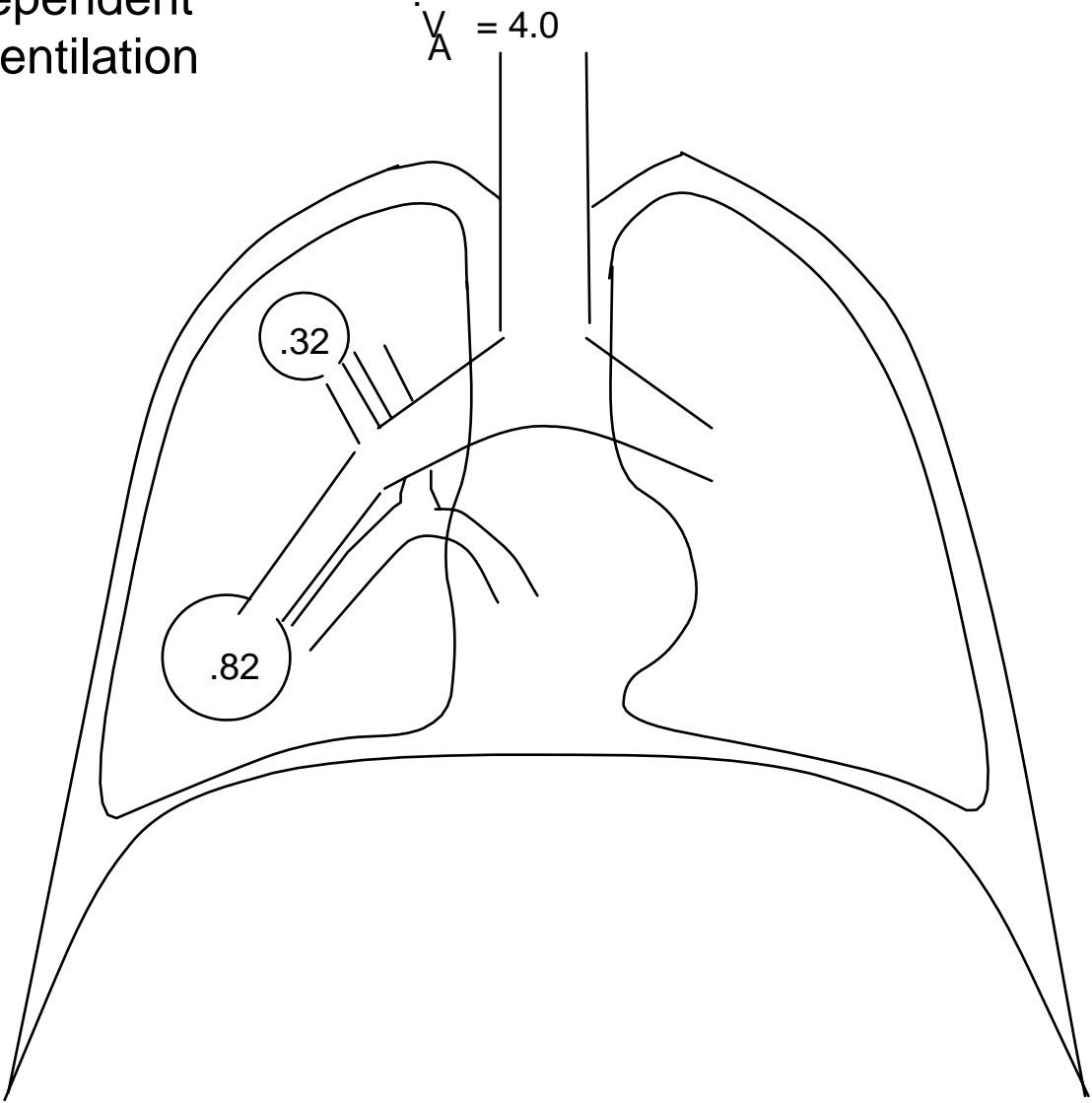
$$D_L = \dot{V}_{O_2} * \Delta P$$

Pulmonary
Capillary
Blood
Flow





Gravity Dependent
Alveolar Ventilation



Pulmonary

Systemic

