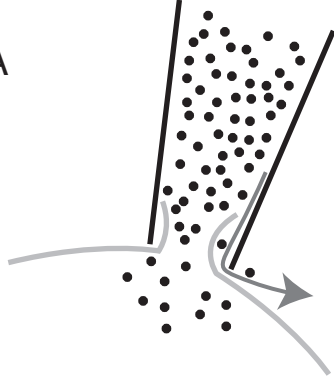
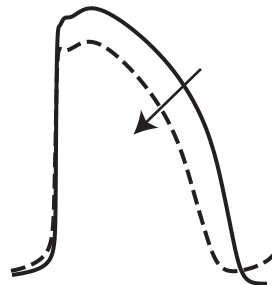


A

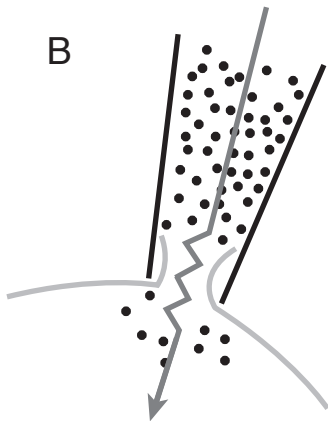


Leak Current

$$I_{\text{Leak}} = \frac{1}{R_s C_m} V_m$$



B



Access Resistance

$$\frac{dV_m}{dt} = \frac{V_{\text{cmd}} - V_m}{R_a C_m} - \frac{I_{\text{ion}}}{C_m}$$

