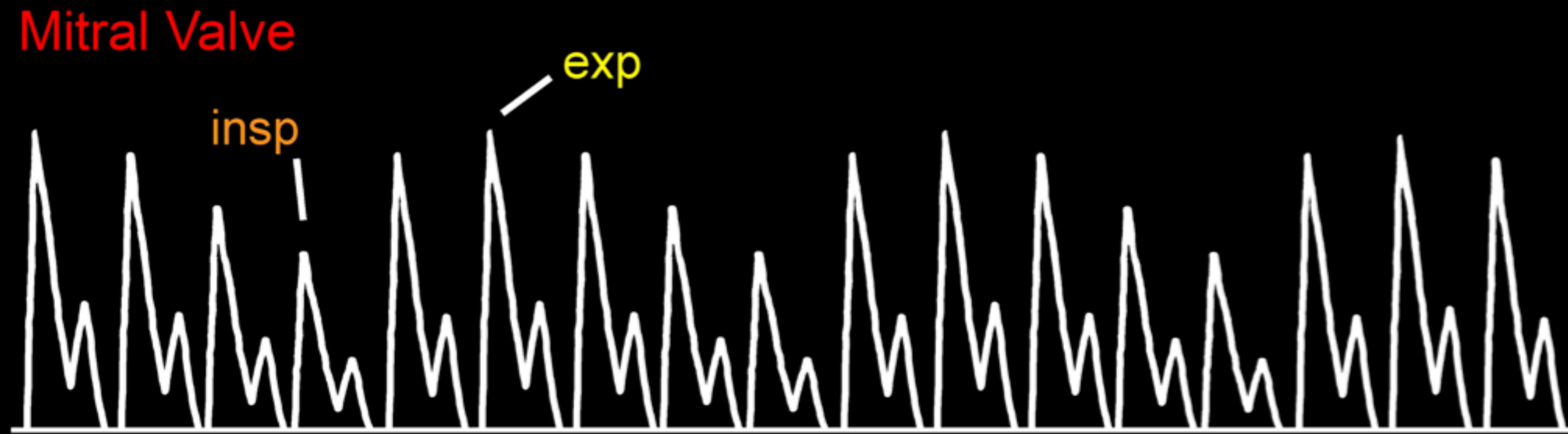
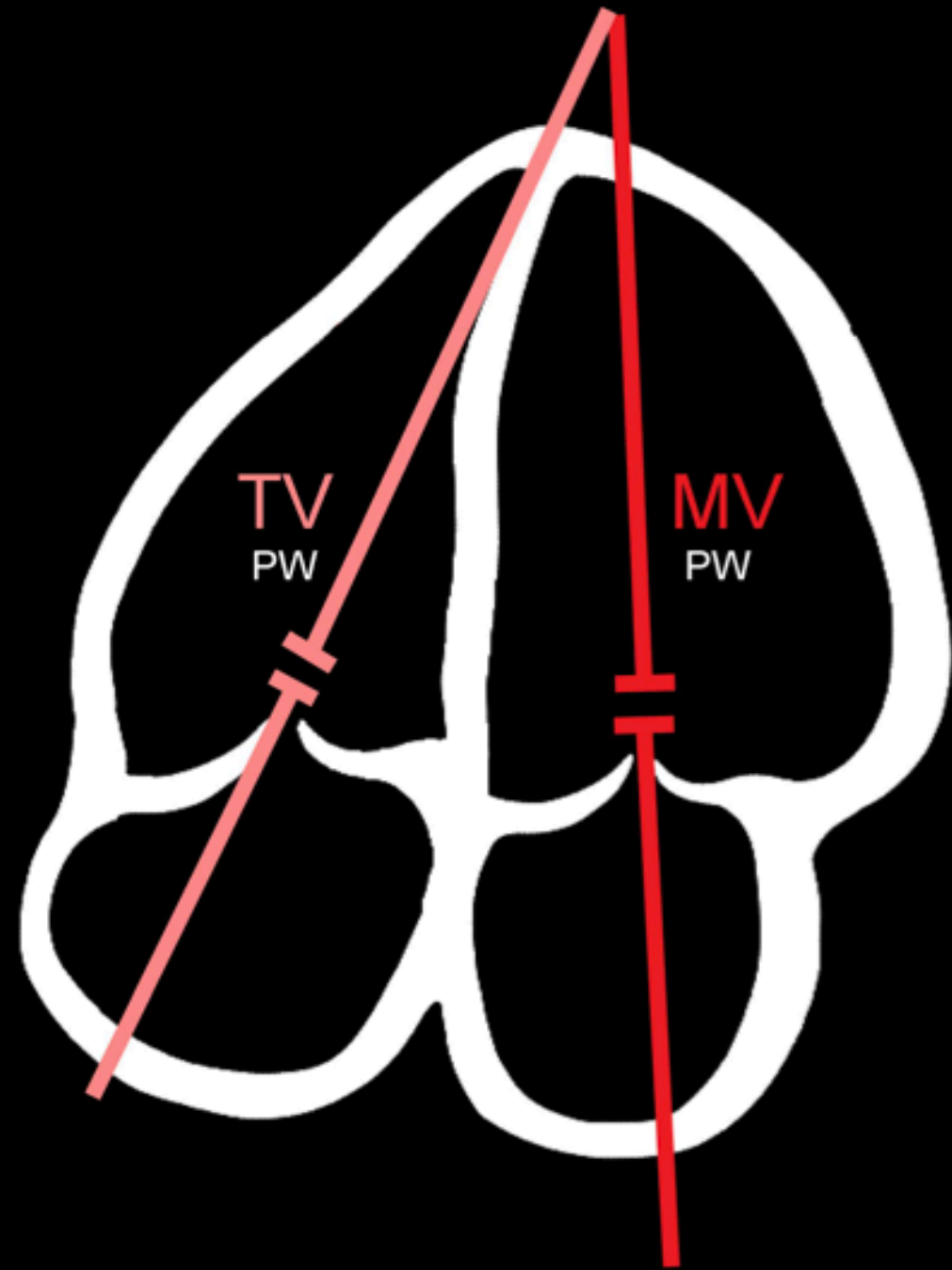


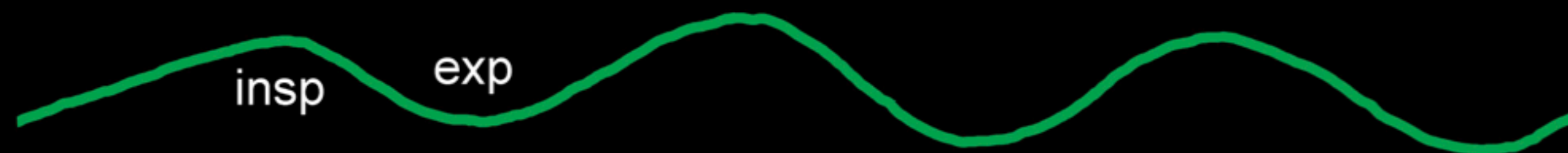
# Cardiac Tamponade

## Mitral / Tricuspid Inflow Variation

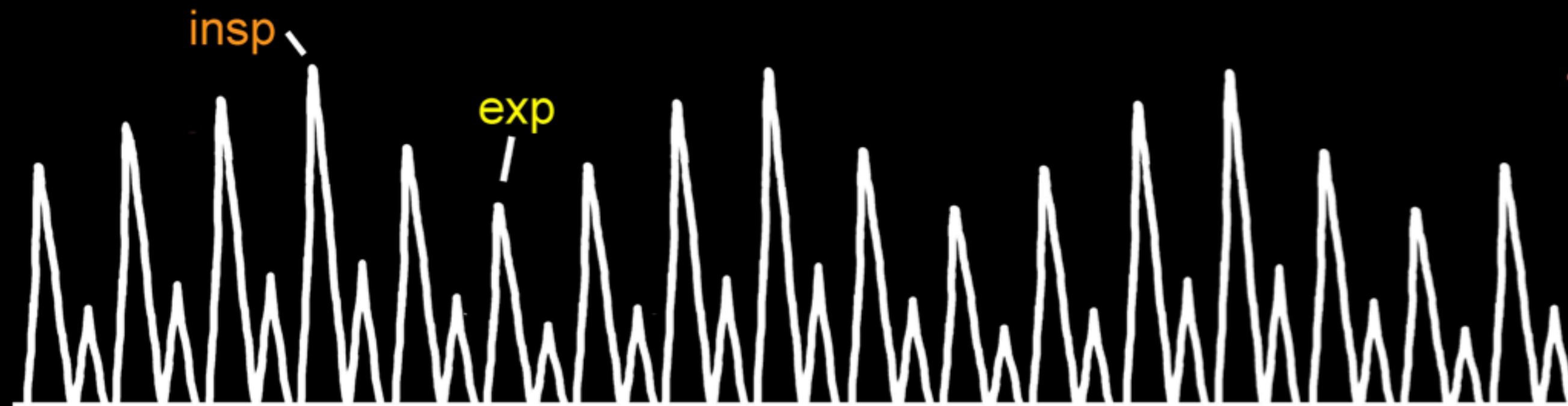


### Mitral Flow Variation

Normal < 15%  
 Tamponade > 30%



### Respirations



### Tricuspid Flow Variation

Normal < 25%  
 Tamponade > 60%

$$\text{Flow Variation} = \left( \frac{\text{exp} - \text{insp}}{\text{exp}} \right)$$