

# Echo in the Cath Lab

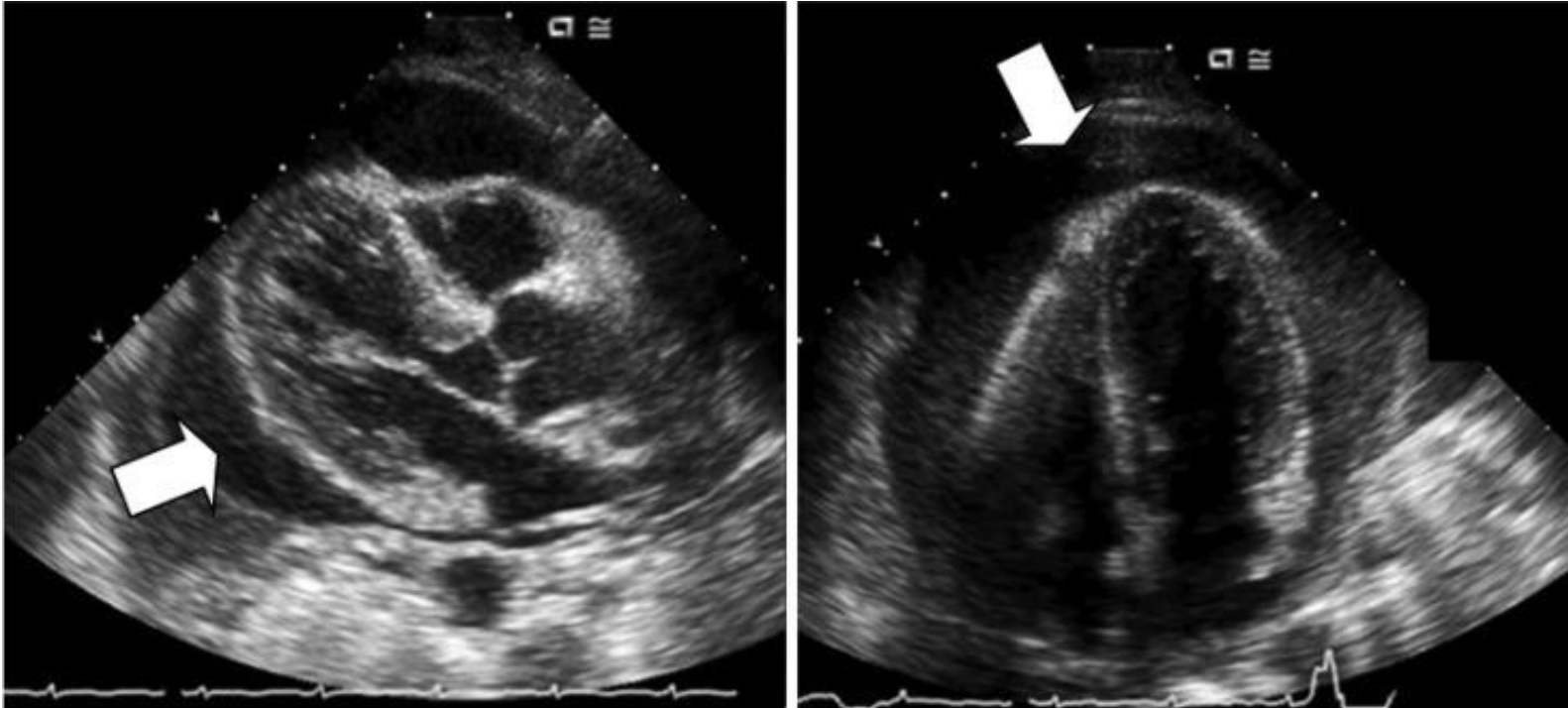
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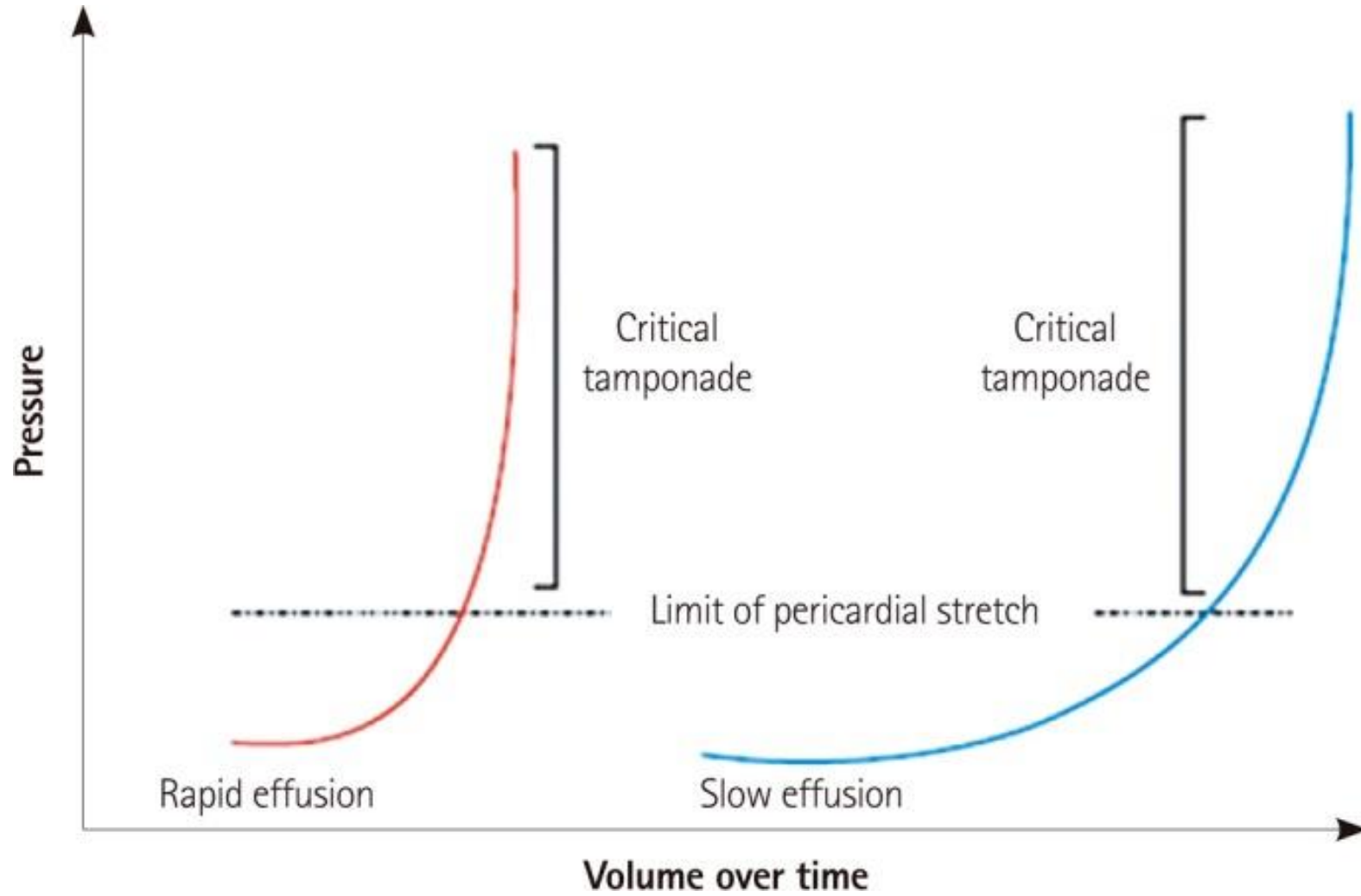
## **Overview**

### **1. Pericardial Effusion and Pericardiocentesis**

## Pericardial Effusion



# Pericardial Effusion

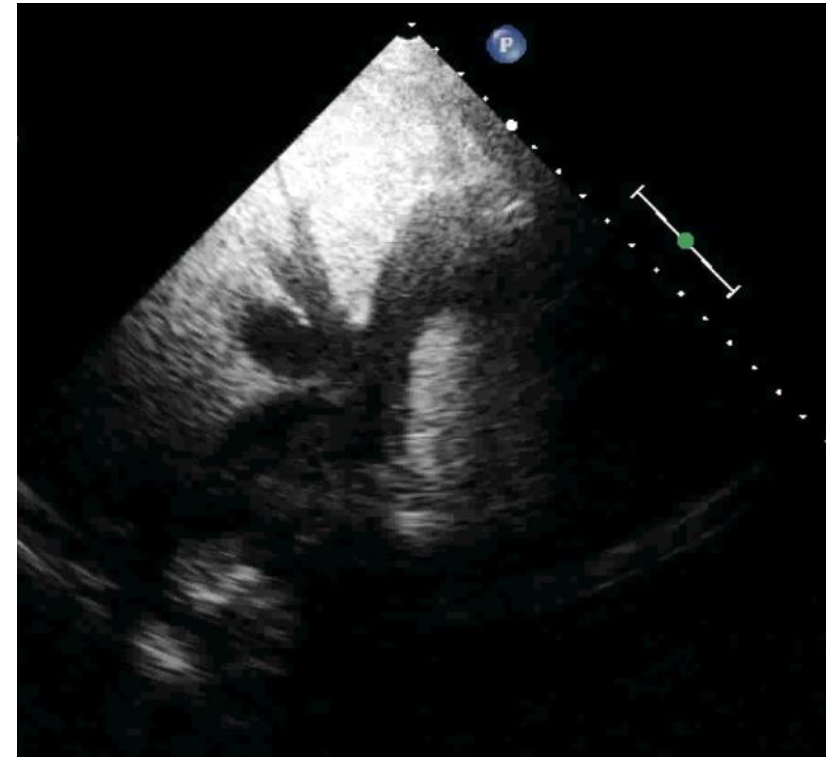
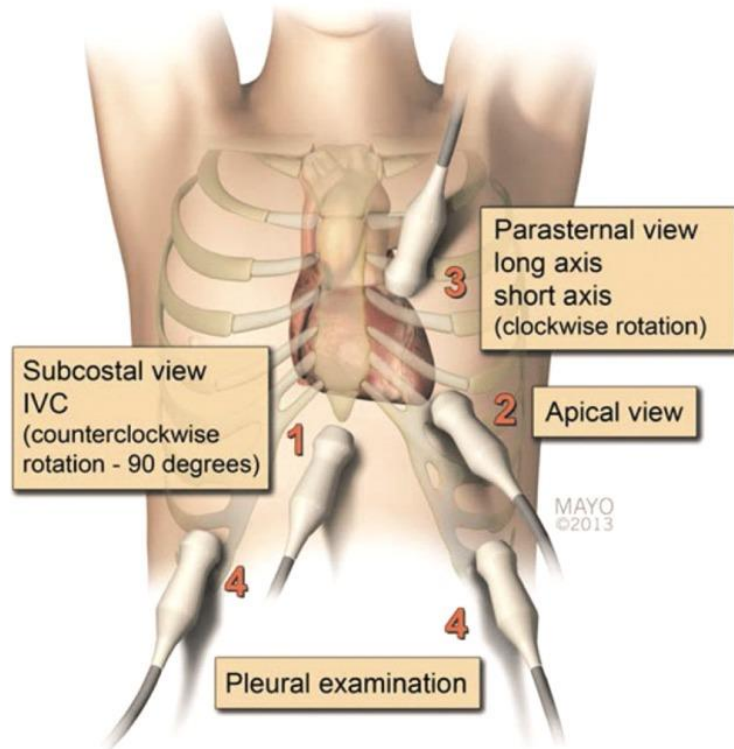


## Pericardial Effusion

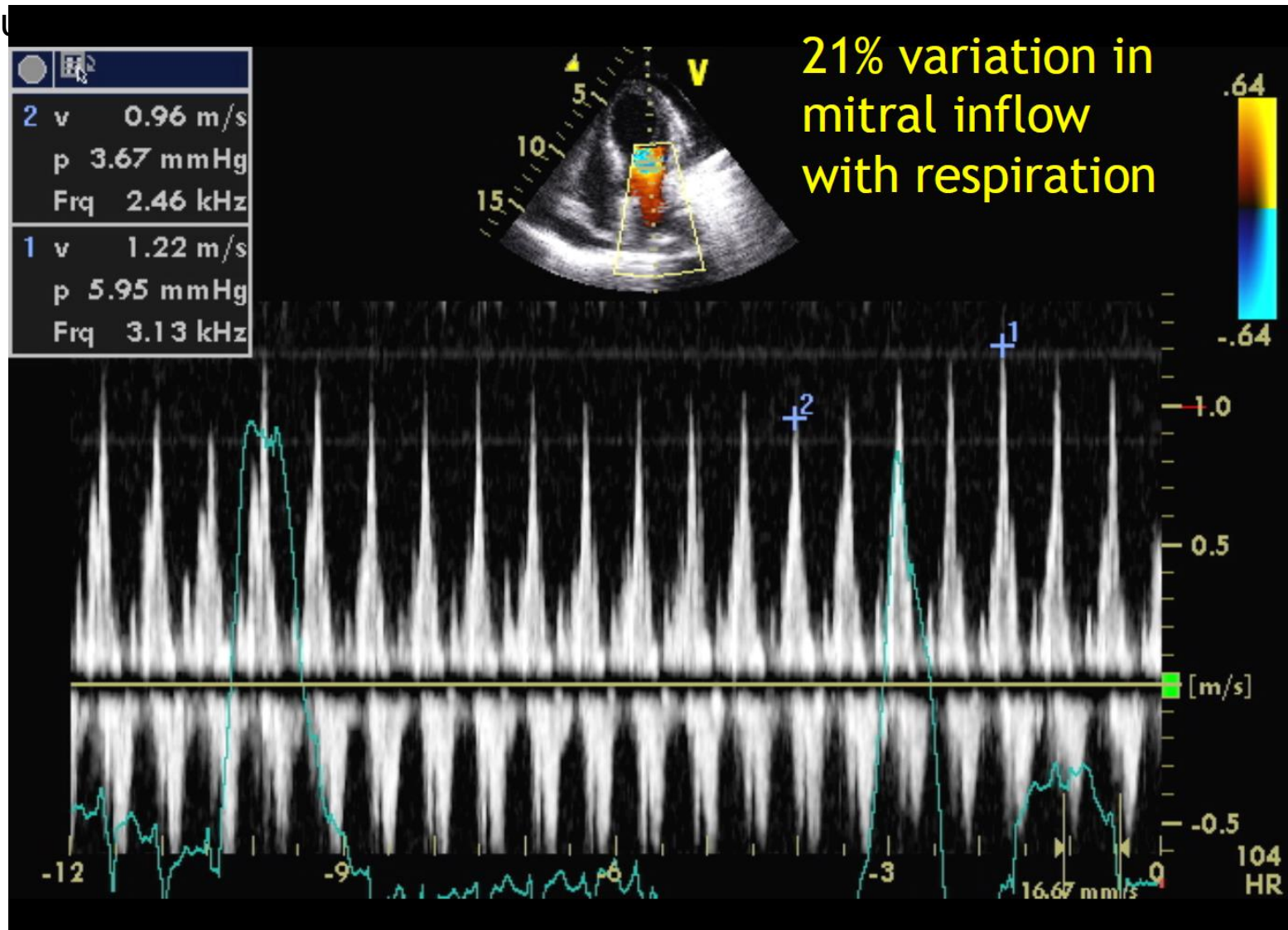
### **Echo Assists in the Diagnosis of Tamponade**

1. Dilated IVC (Early sign)
2. Increasing respiratory variation of the mitral/tricuspid inflow (Early sign)
3. RV/RA collapse (Late sign)
4. Pulsus paradoxus

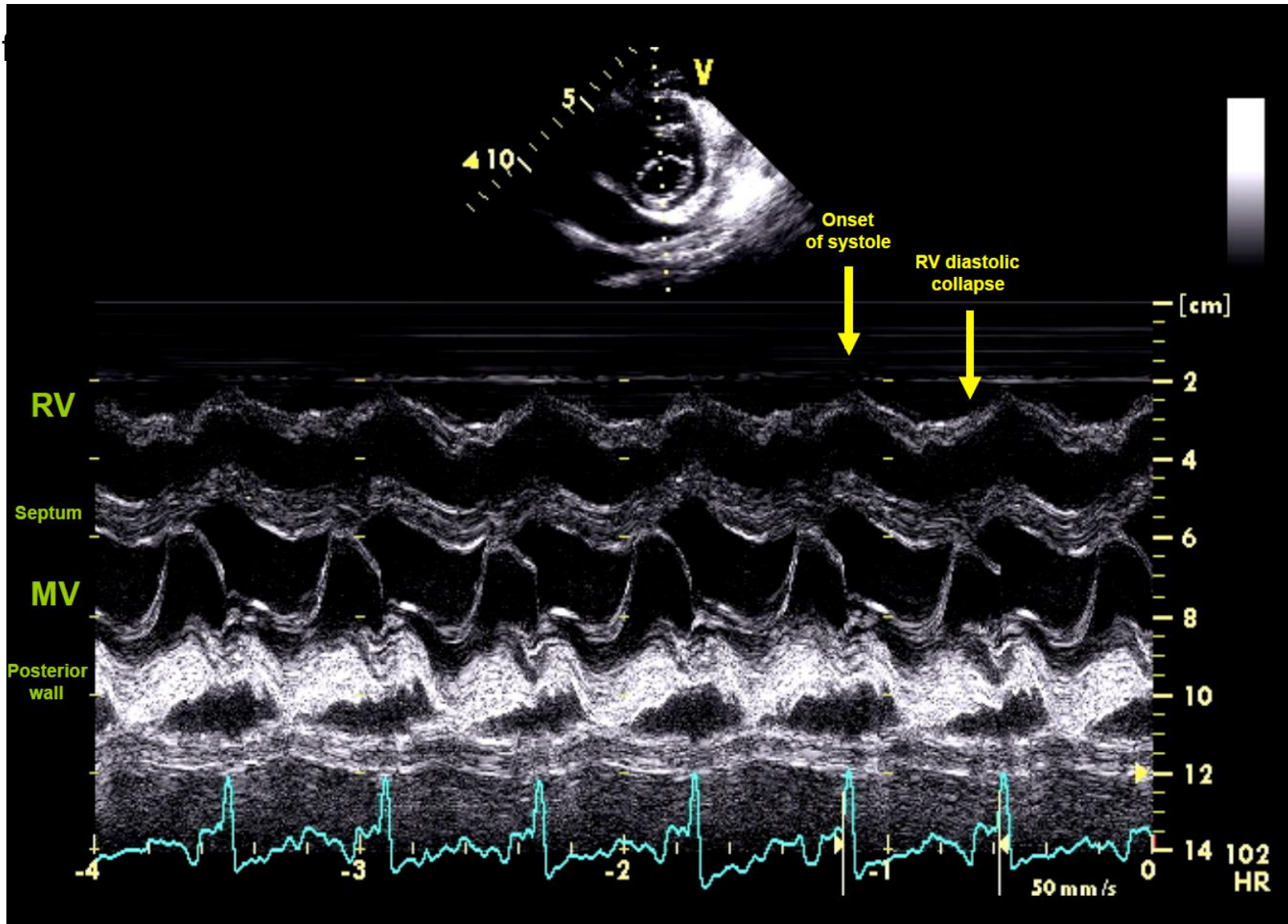
# Pericardial Effusion



Pericardial Effusion

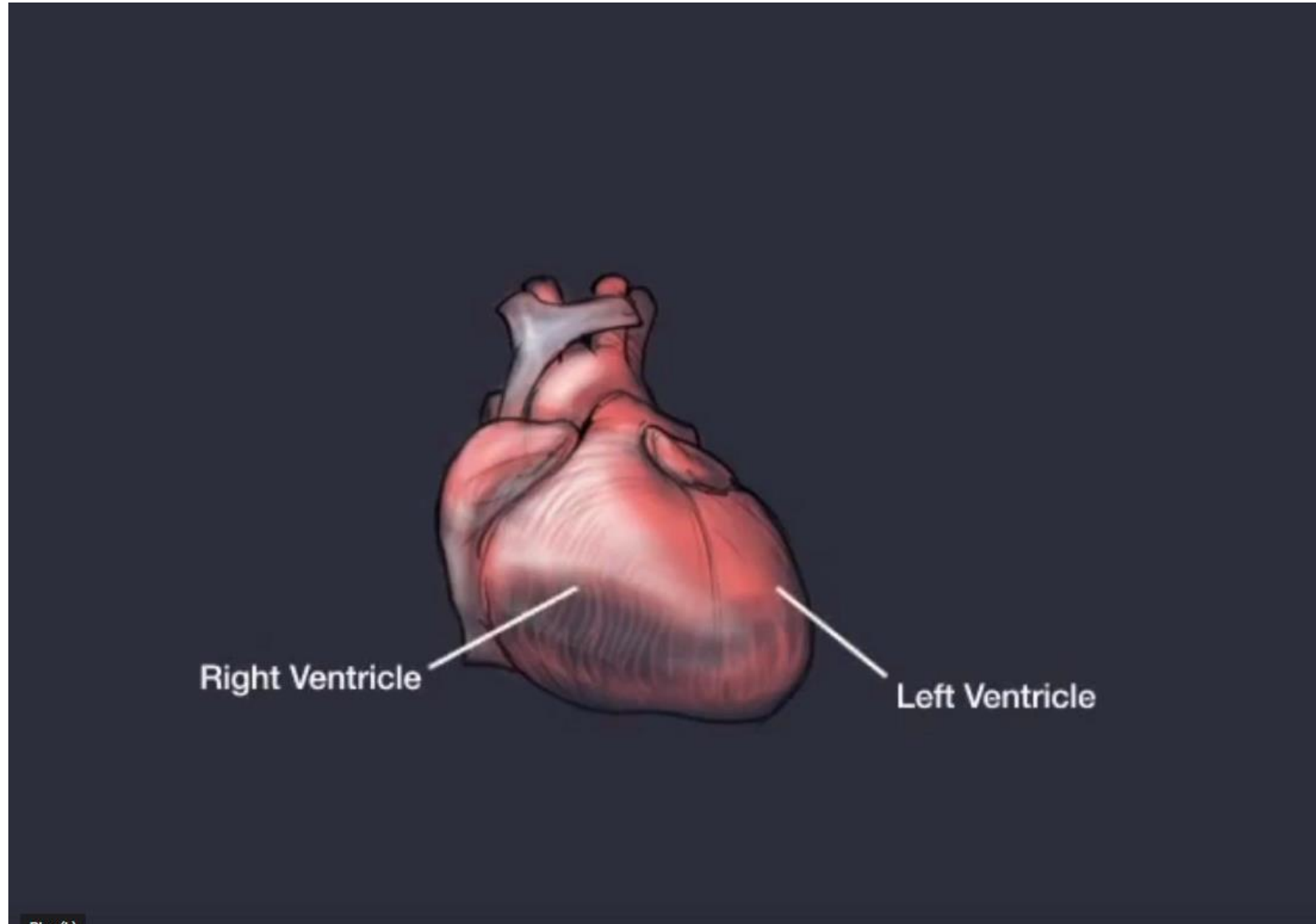


Pericardial Effusion





## Pericardial Effusion



# Pericardial Effusion

