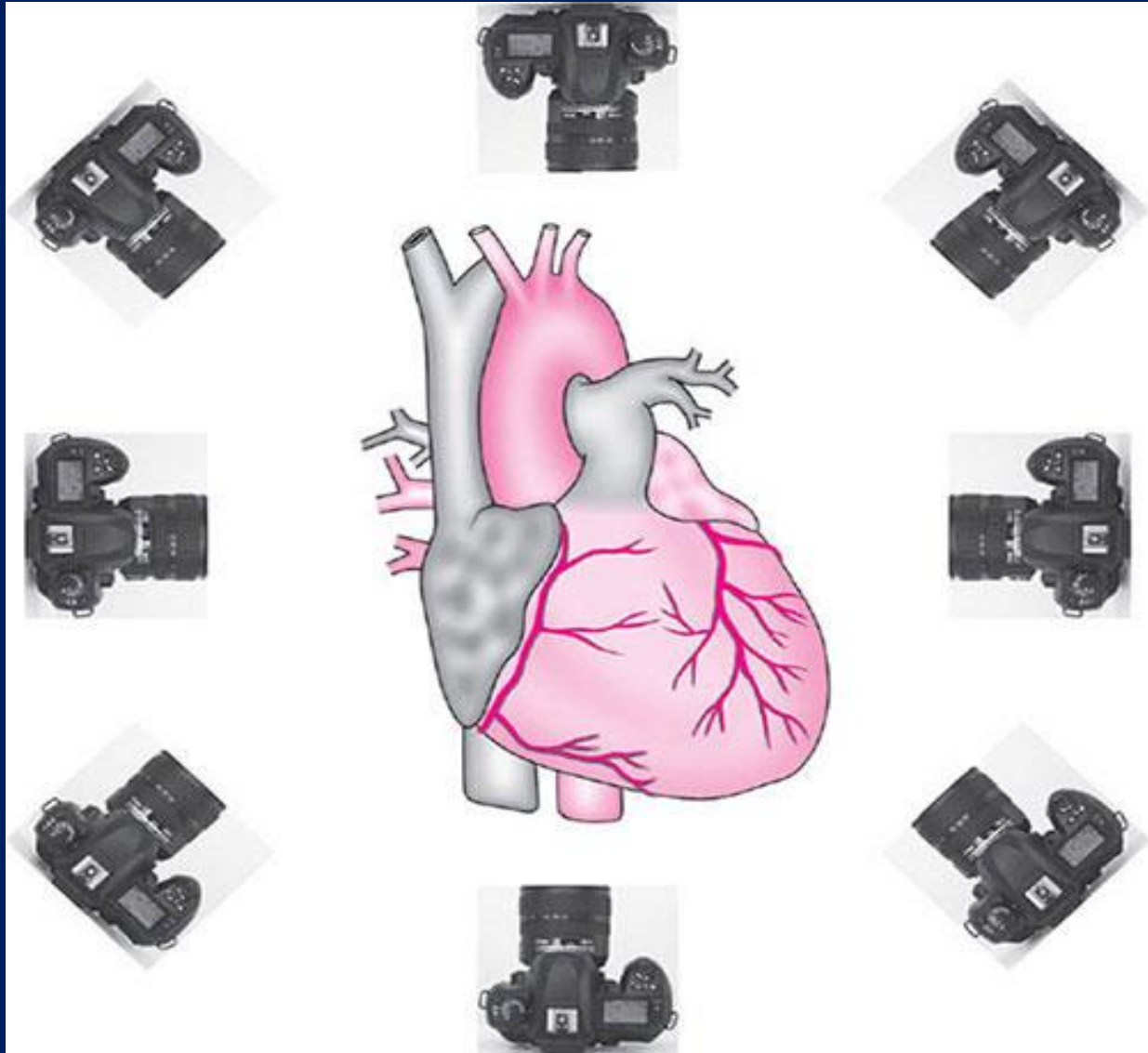
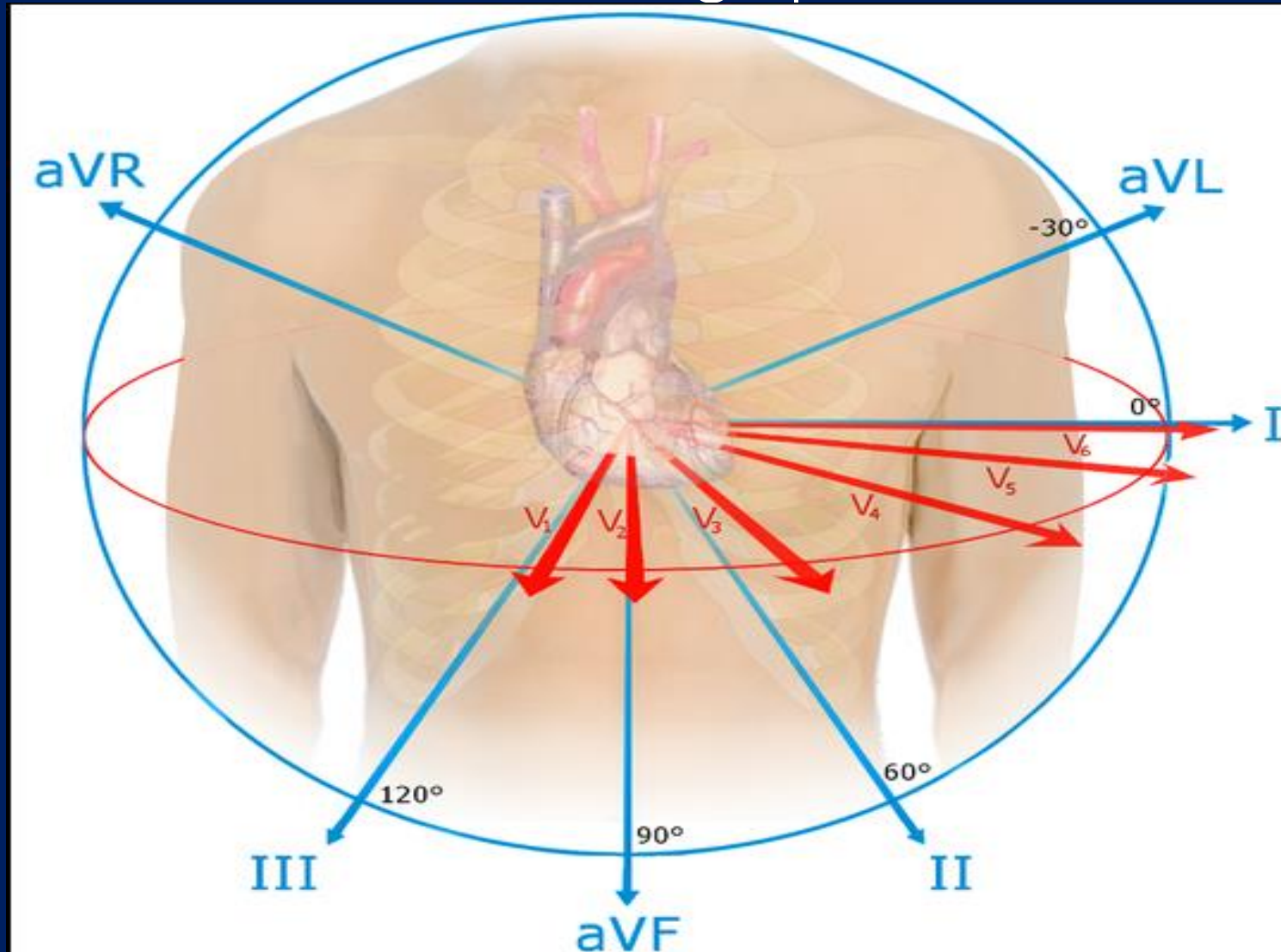
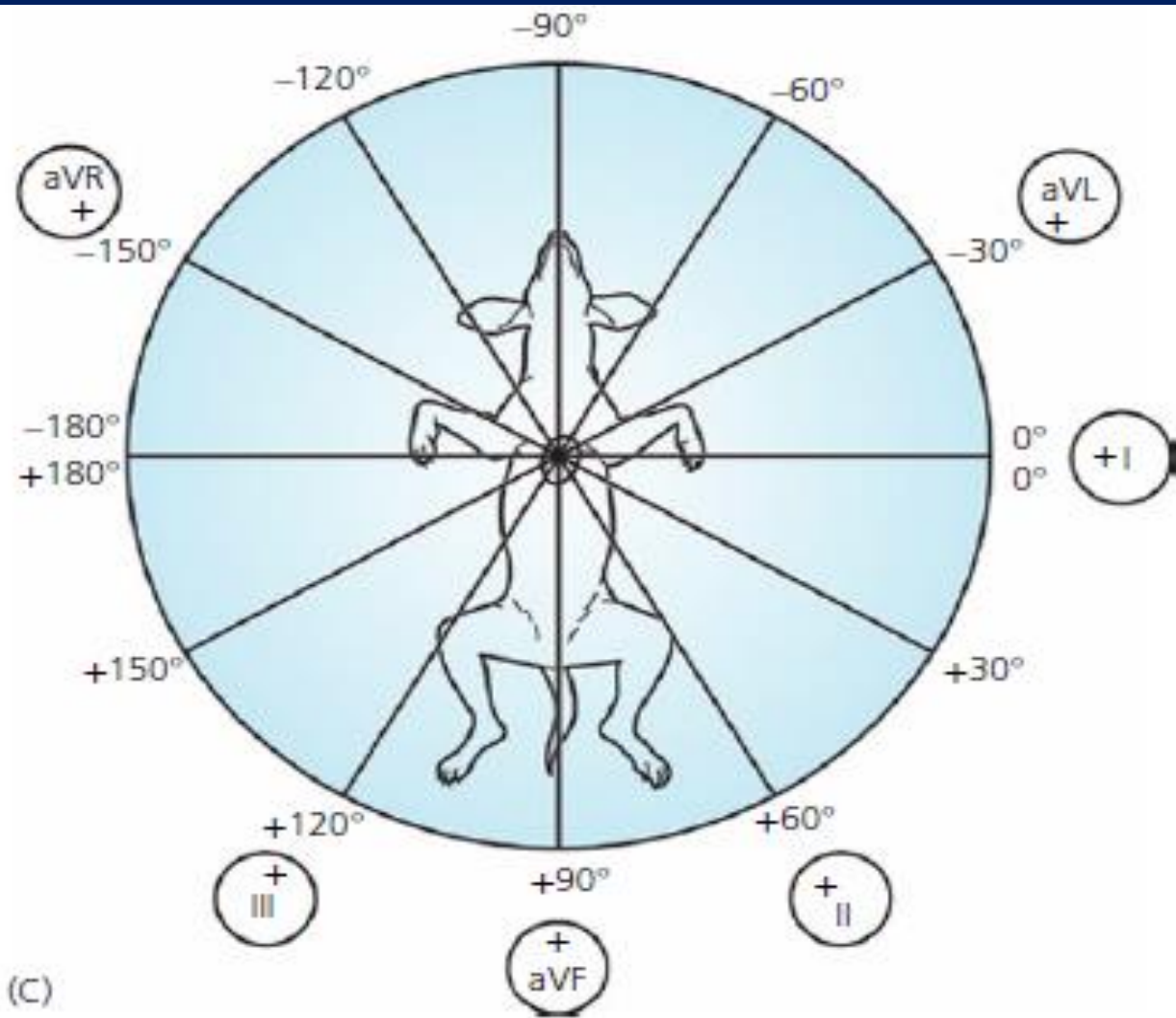


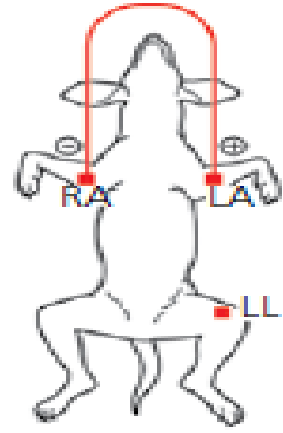
By Hanjin Deviasse



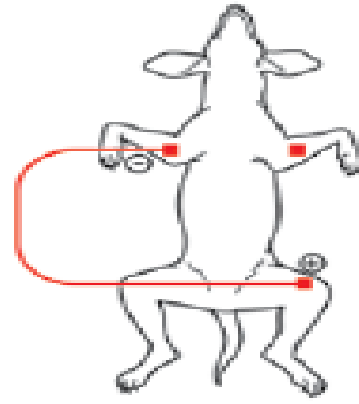
# Electrocardiographic Leads



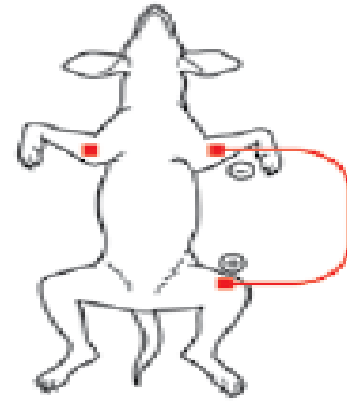




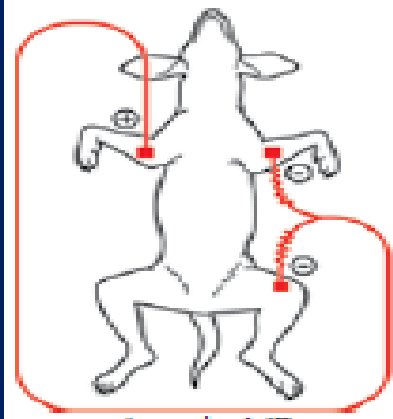
Lead I



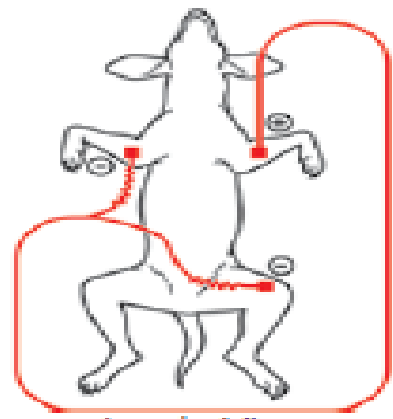
Lead II



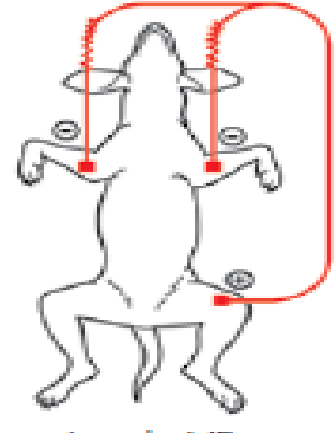
Lead III



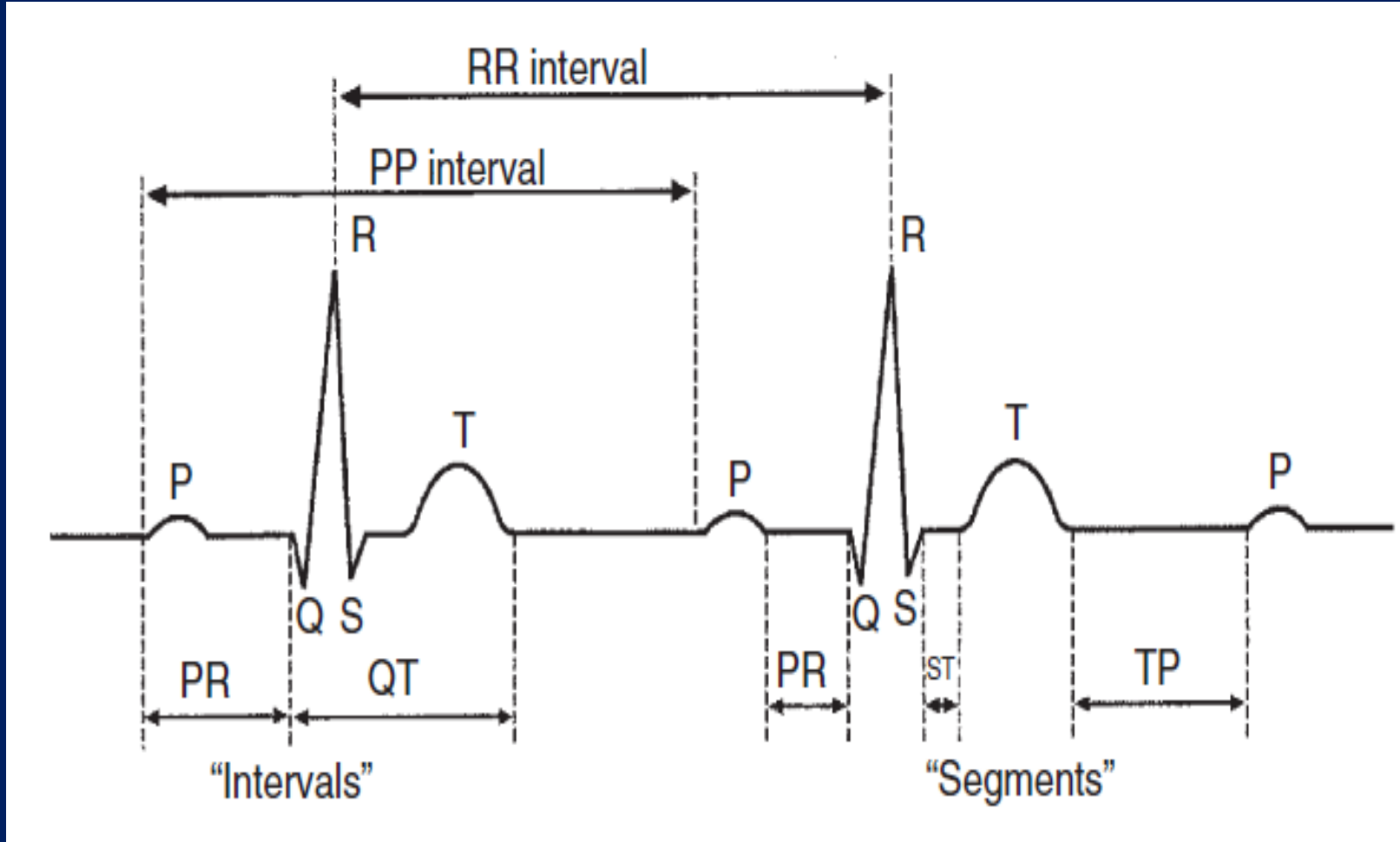
Lead aVR



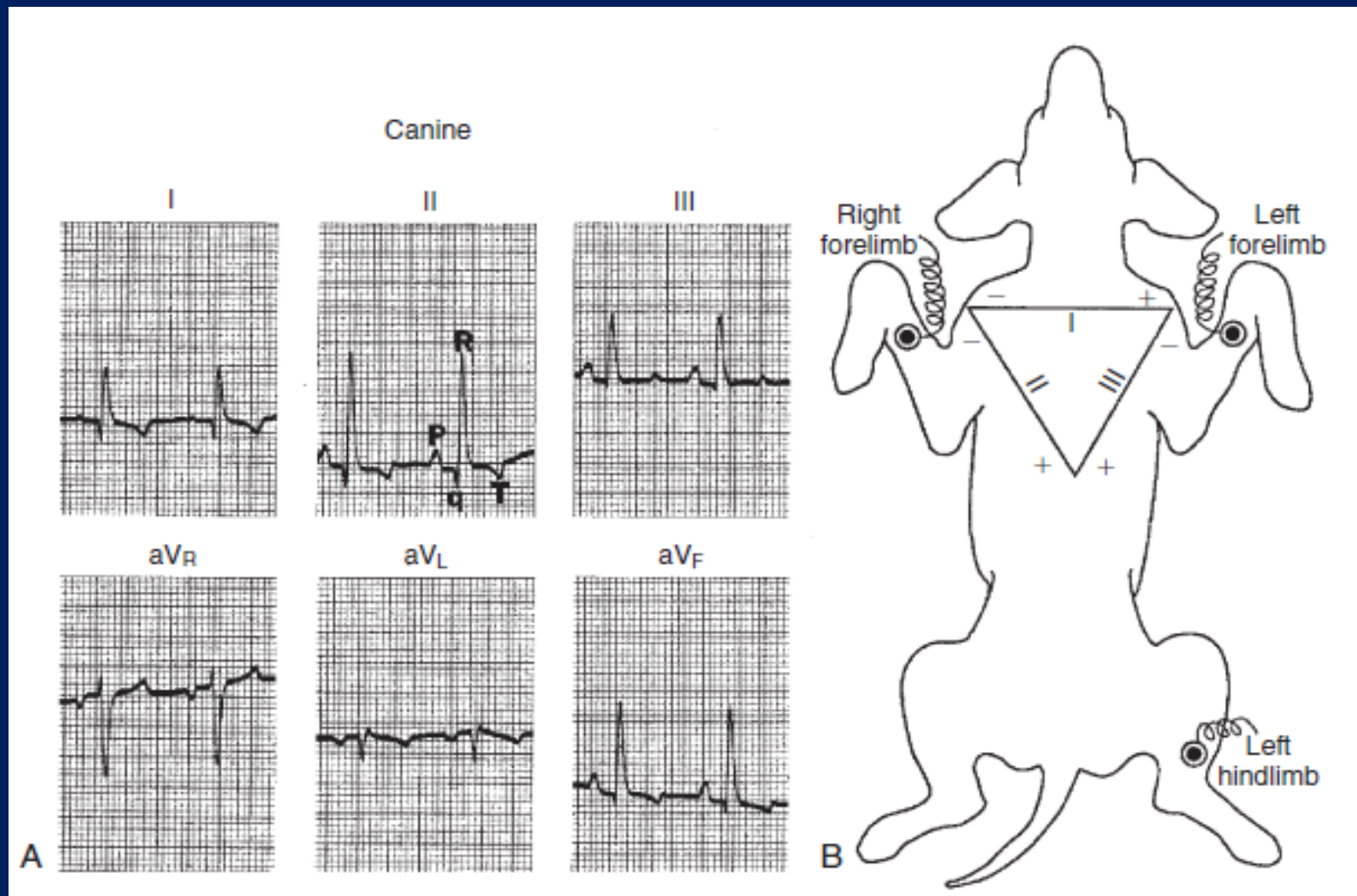
Lead aVL



Lead aVF

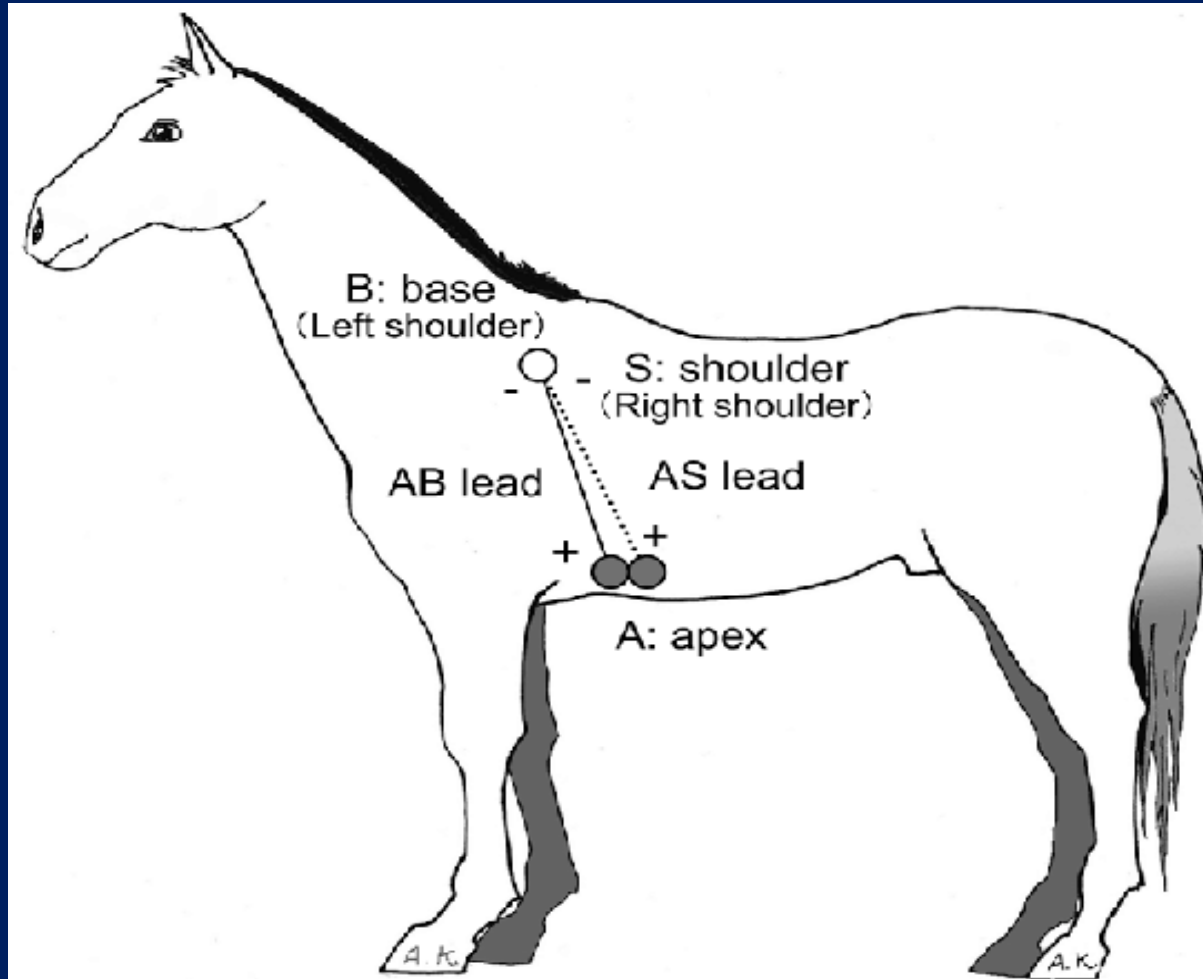


# Normal ECG in Dog

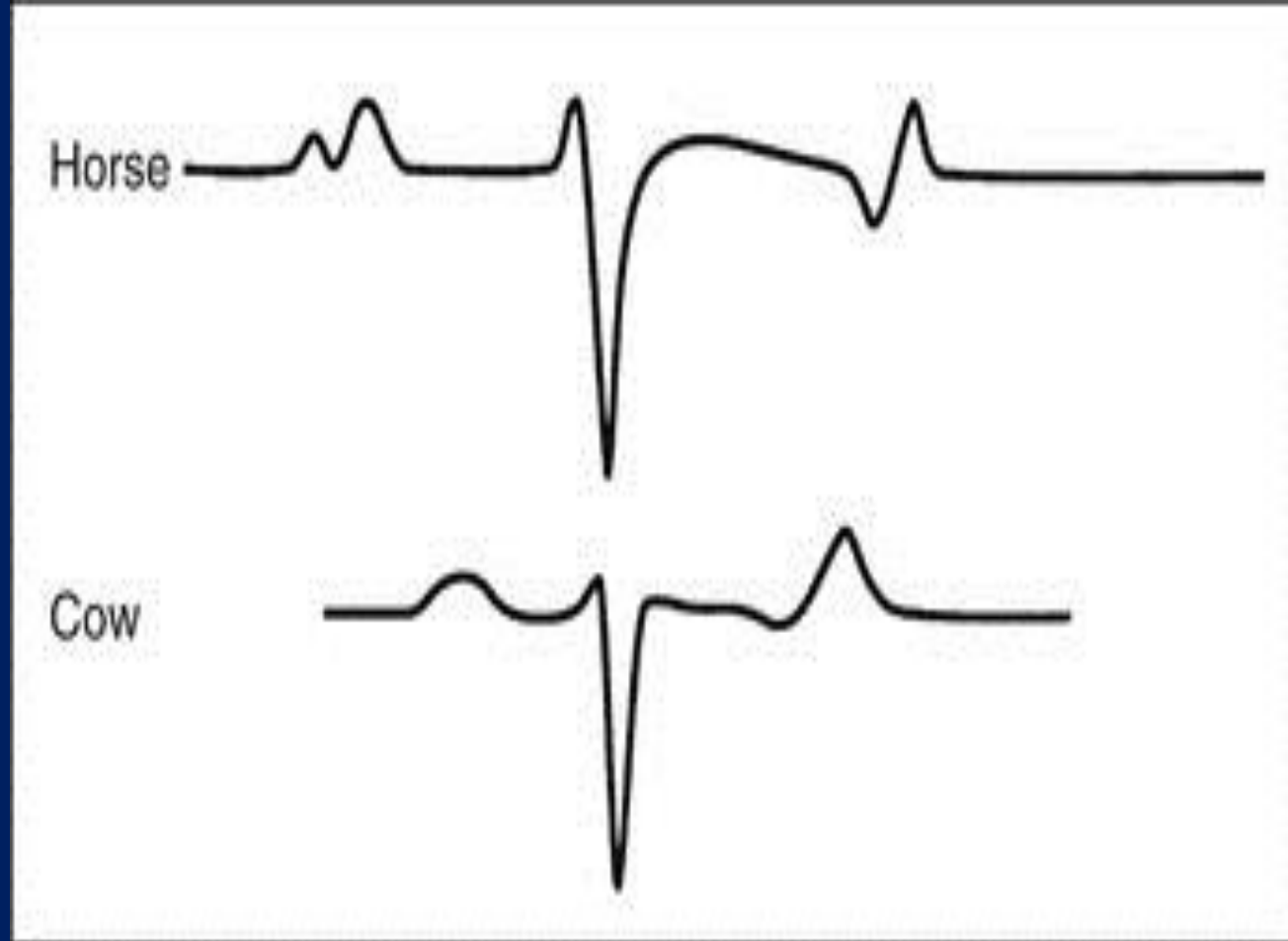




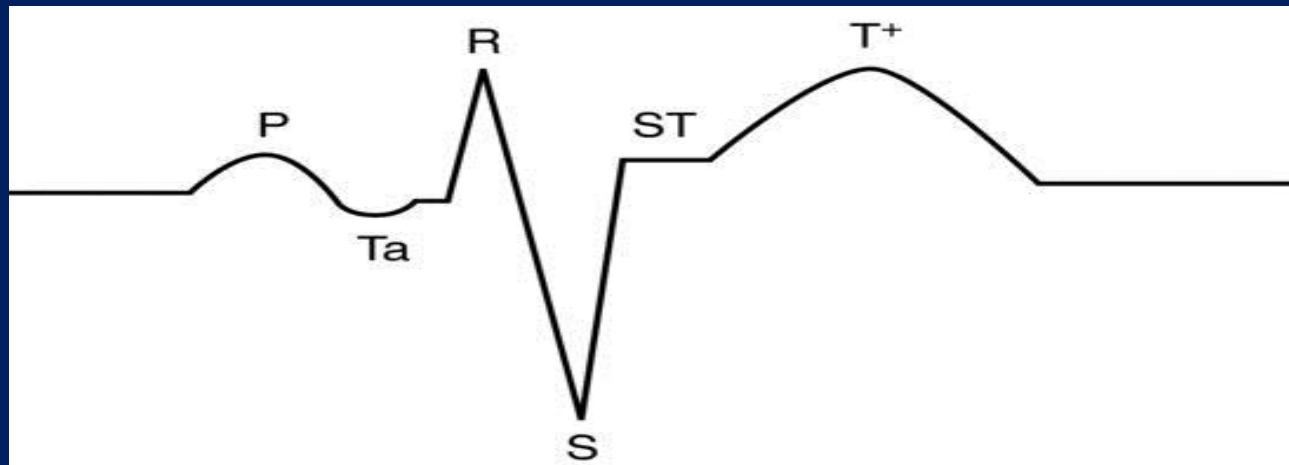
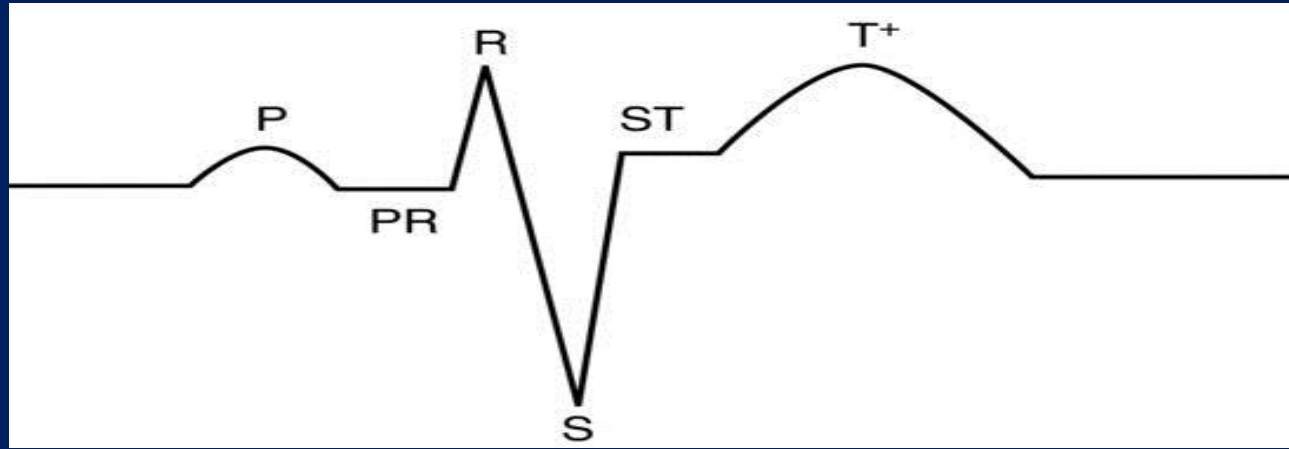
# Base-apex Electrocardiogram



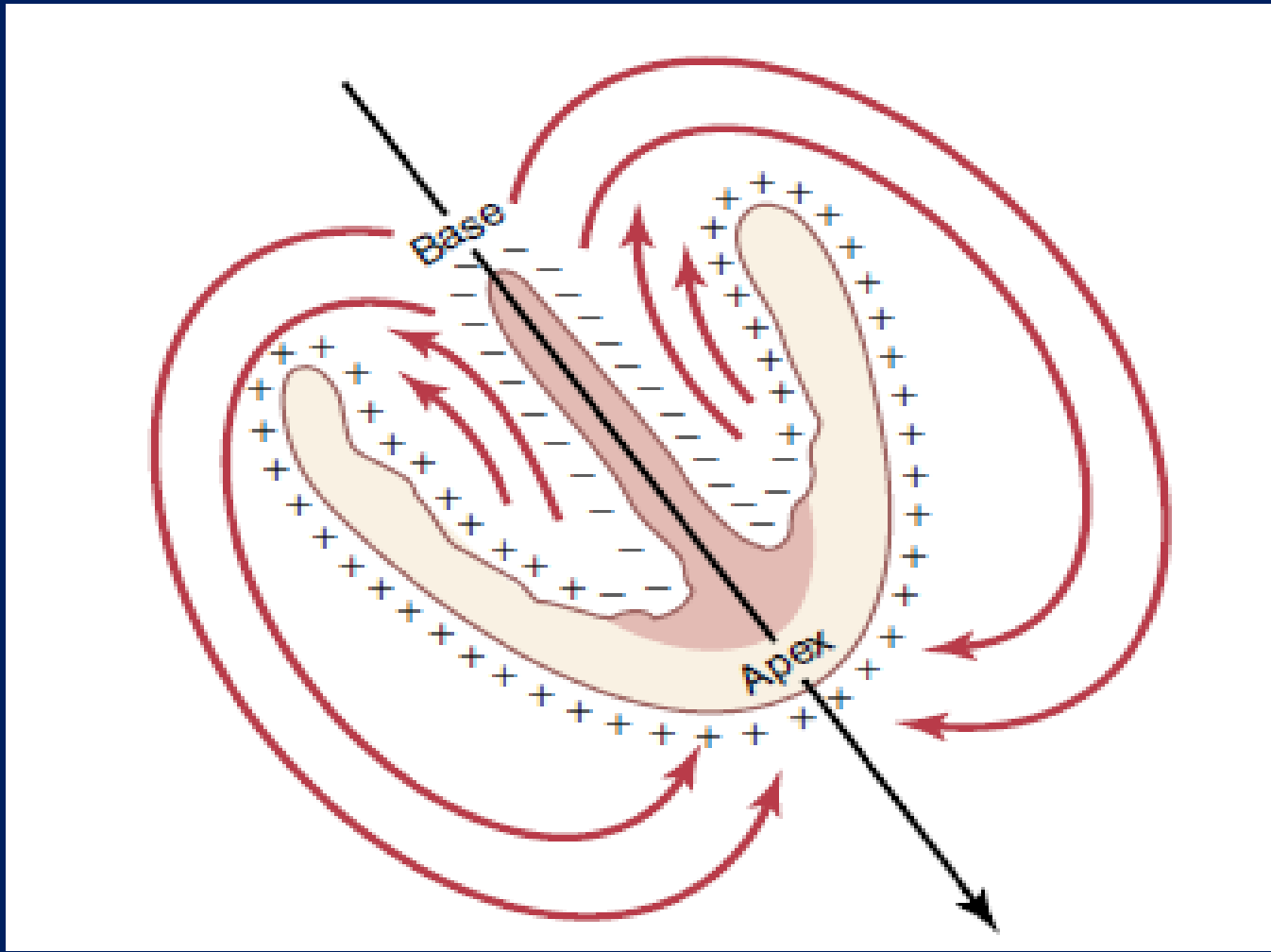
# Normal ECG in Horse and Cow



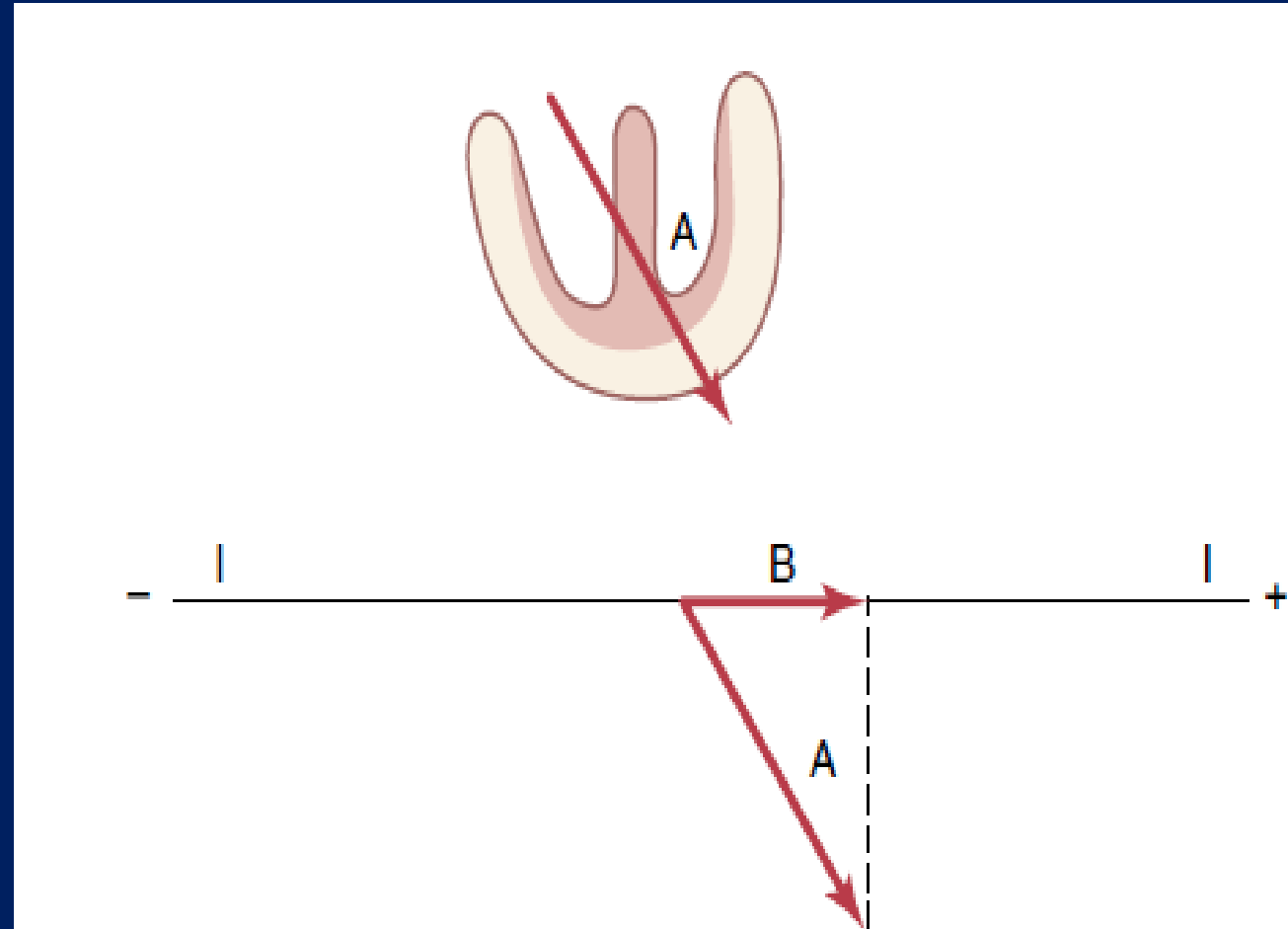
# Avian ECG



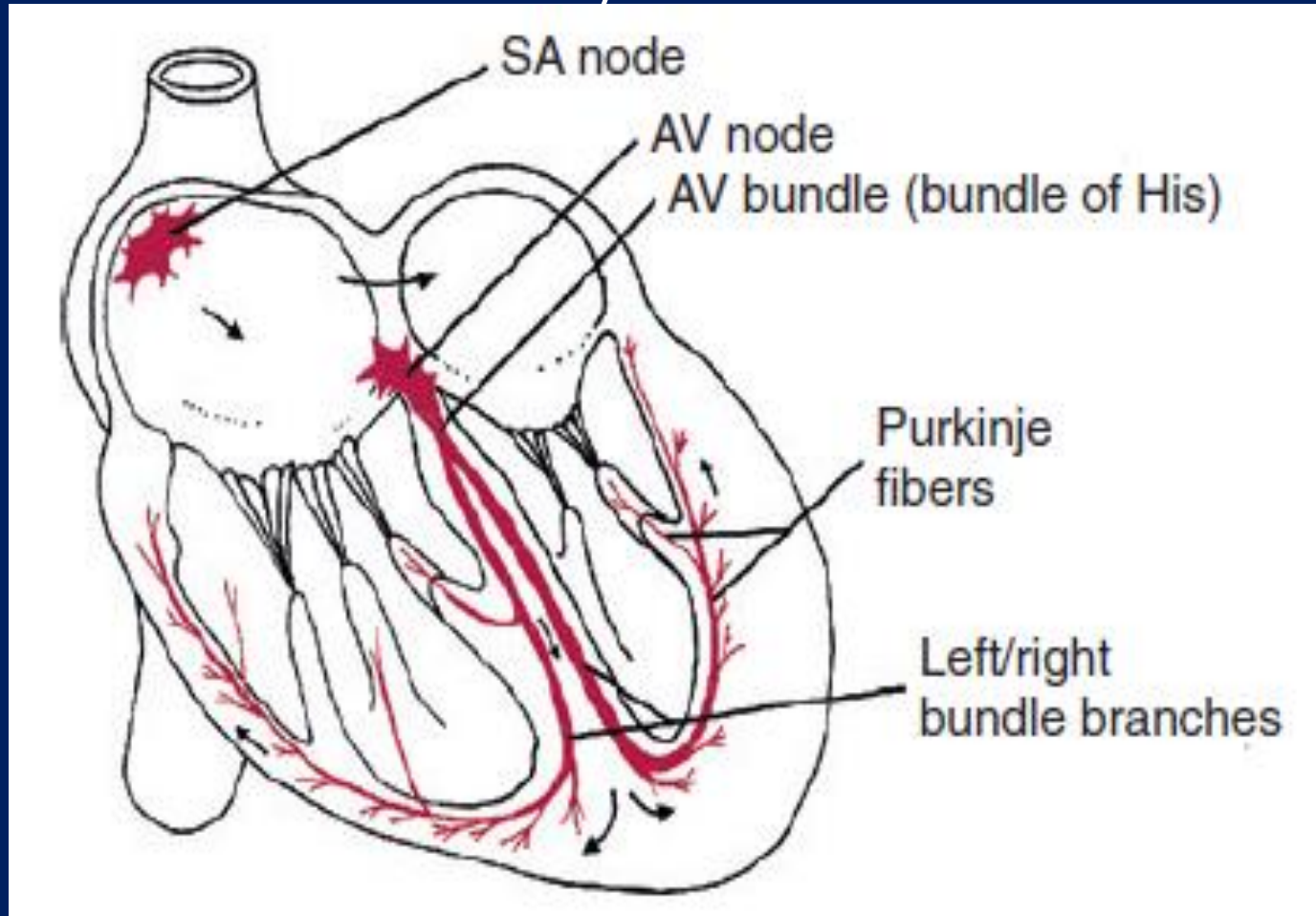
# Vectorial Analysis of ECG



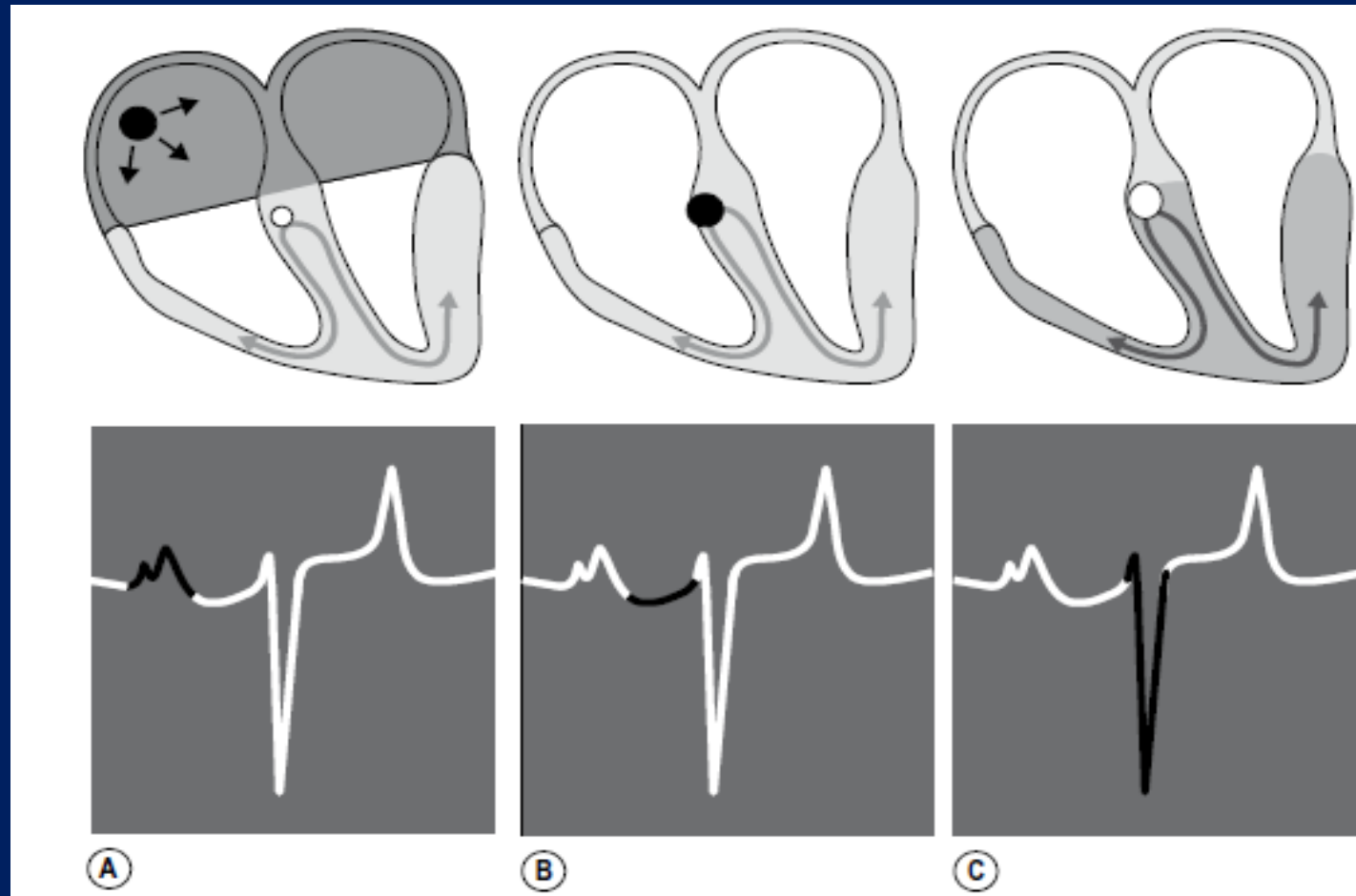
# Vectorial Analysis of ECG

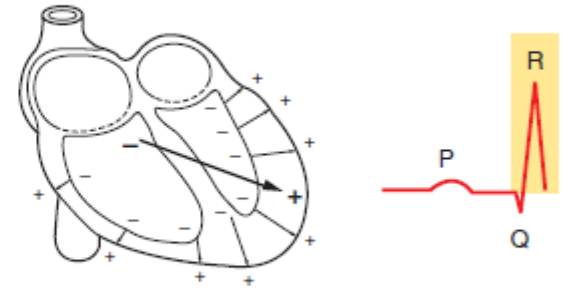
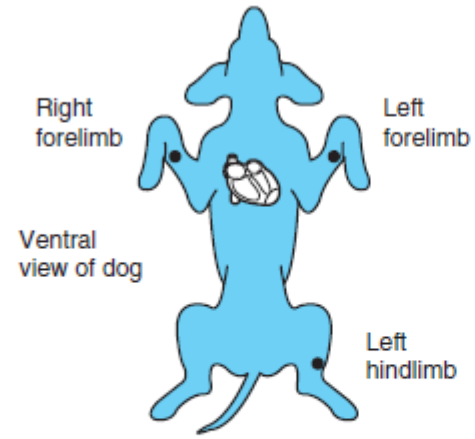


# Conduction System of the Heart



# Cardiac Conduction System of the Horse





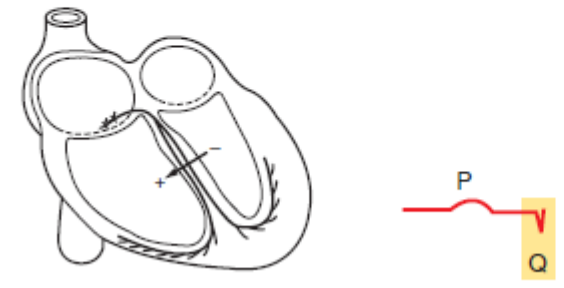
C Ventricular depolarization



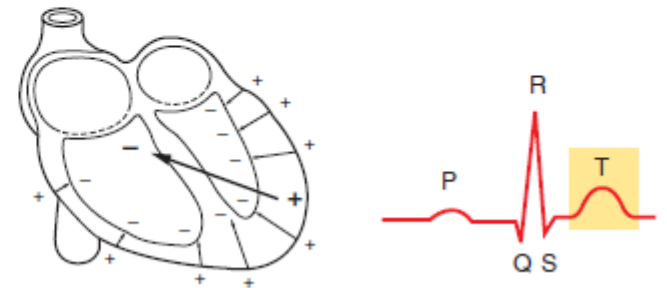
A Atrial depolarization



D Late ventricular depolarization



B Early ventricular depolarization



E Ventricular repolarization

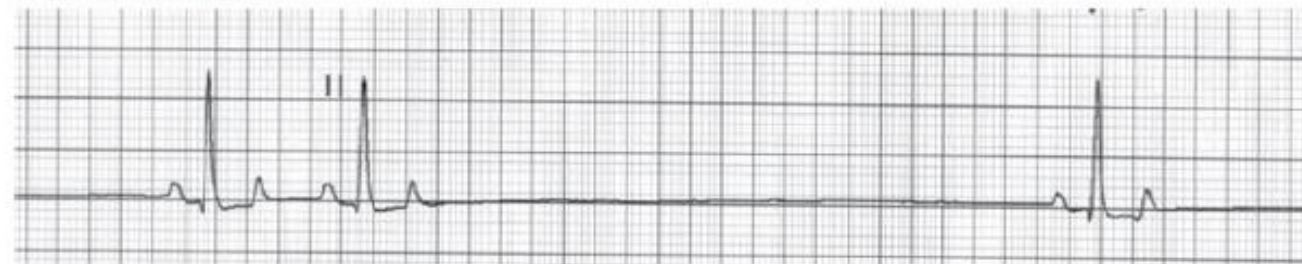


# Normal Sinus Rhythm, Sinus Bradycardia and Sinus Tachycardia in Dog

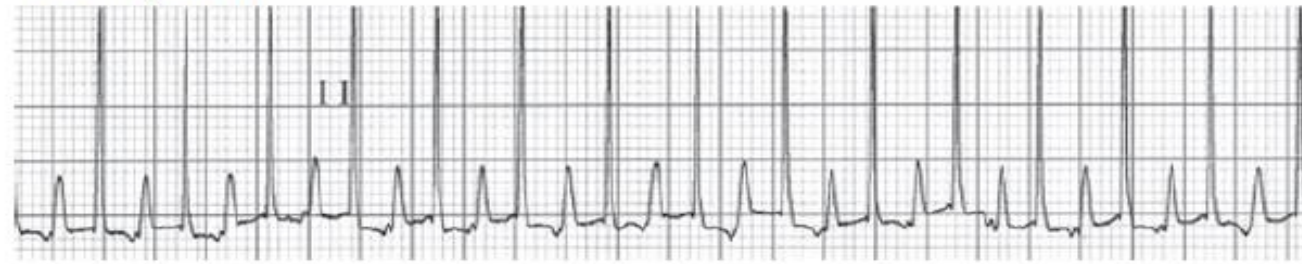
Normal sinus rhythm



Sinus bradycardia



Sinus tachycardia



# PAC and PVC in Cat

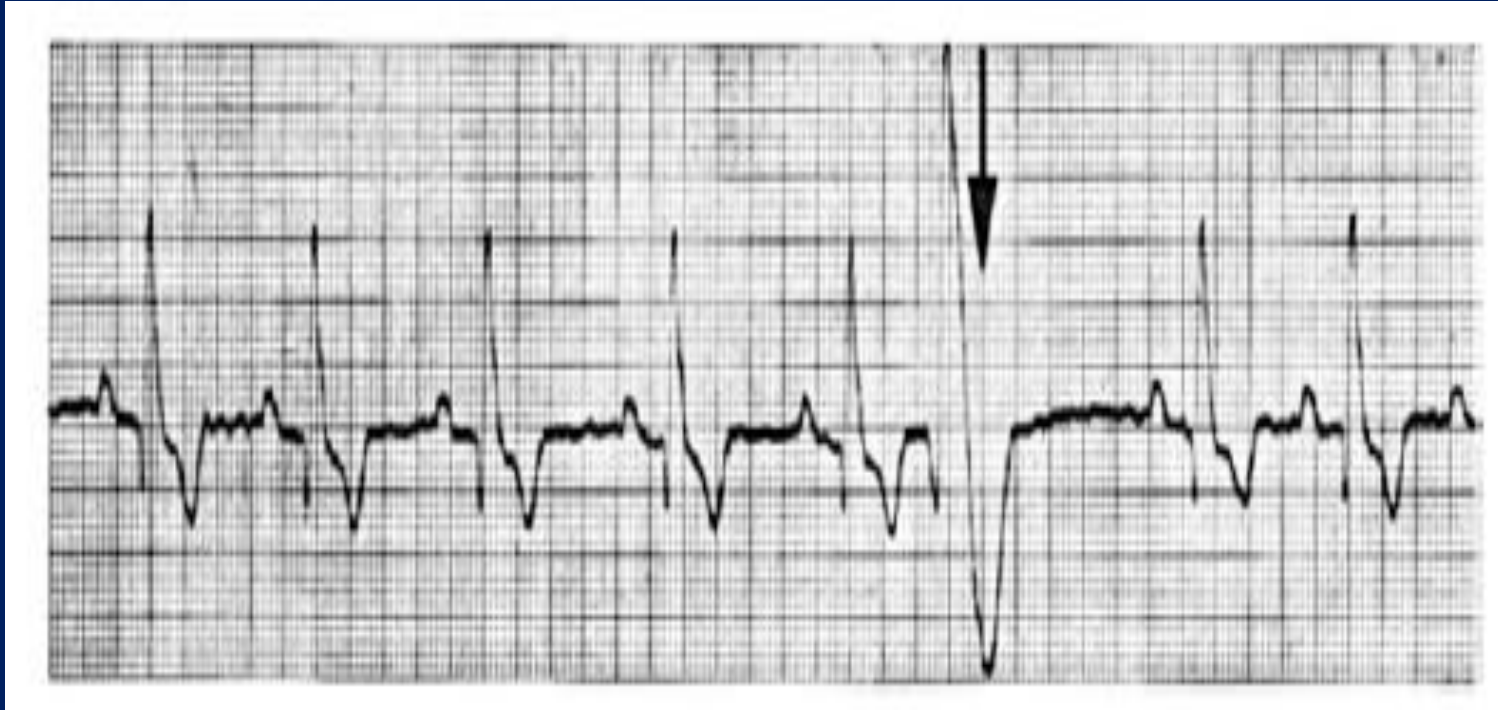
Premature atrial complexes



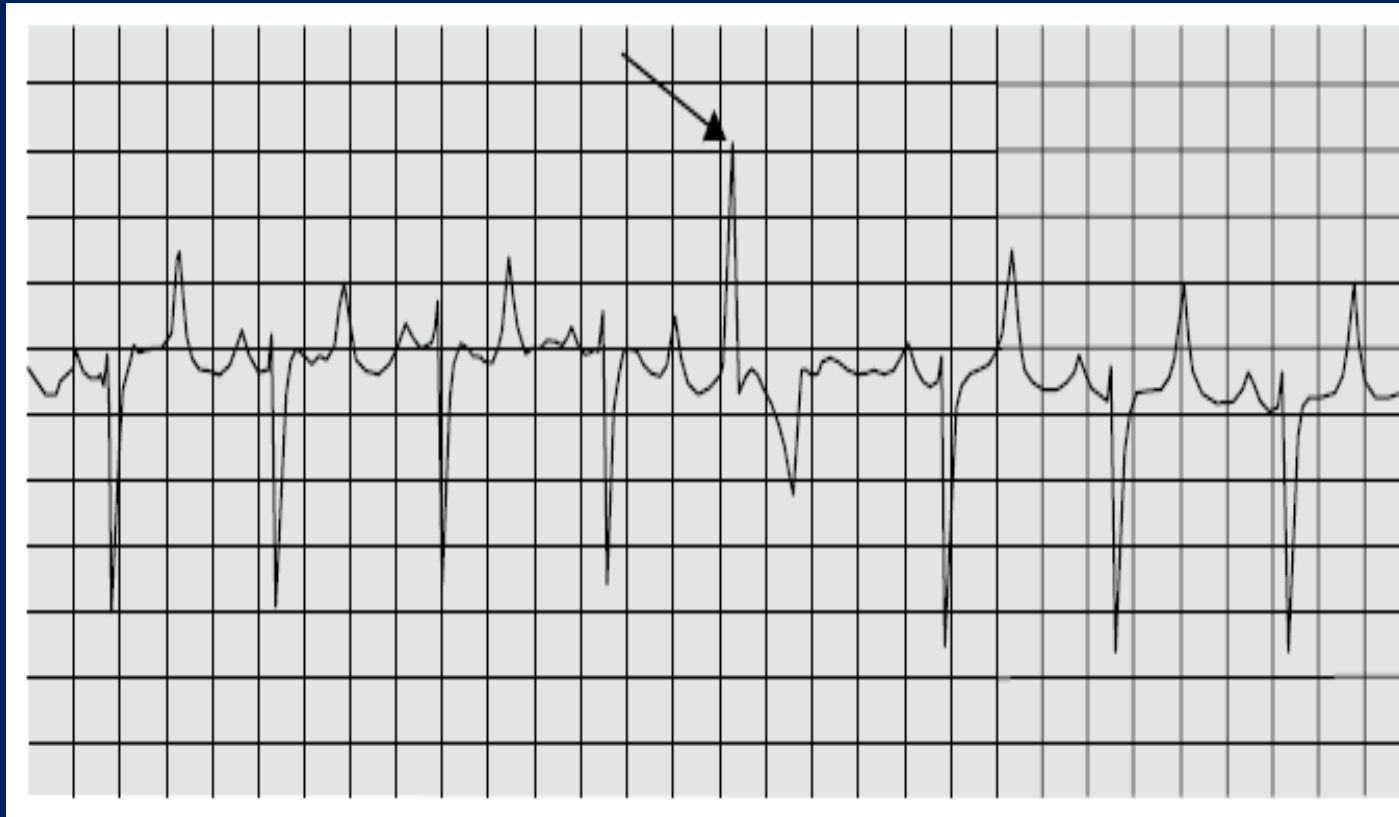
Premature ventricular complex



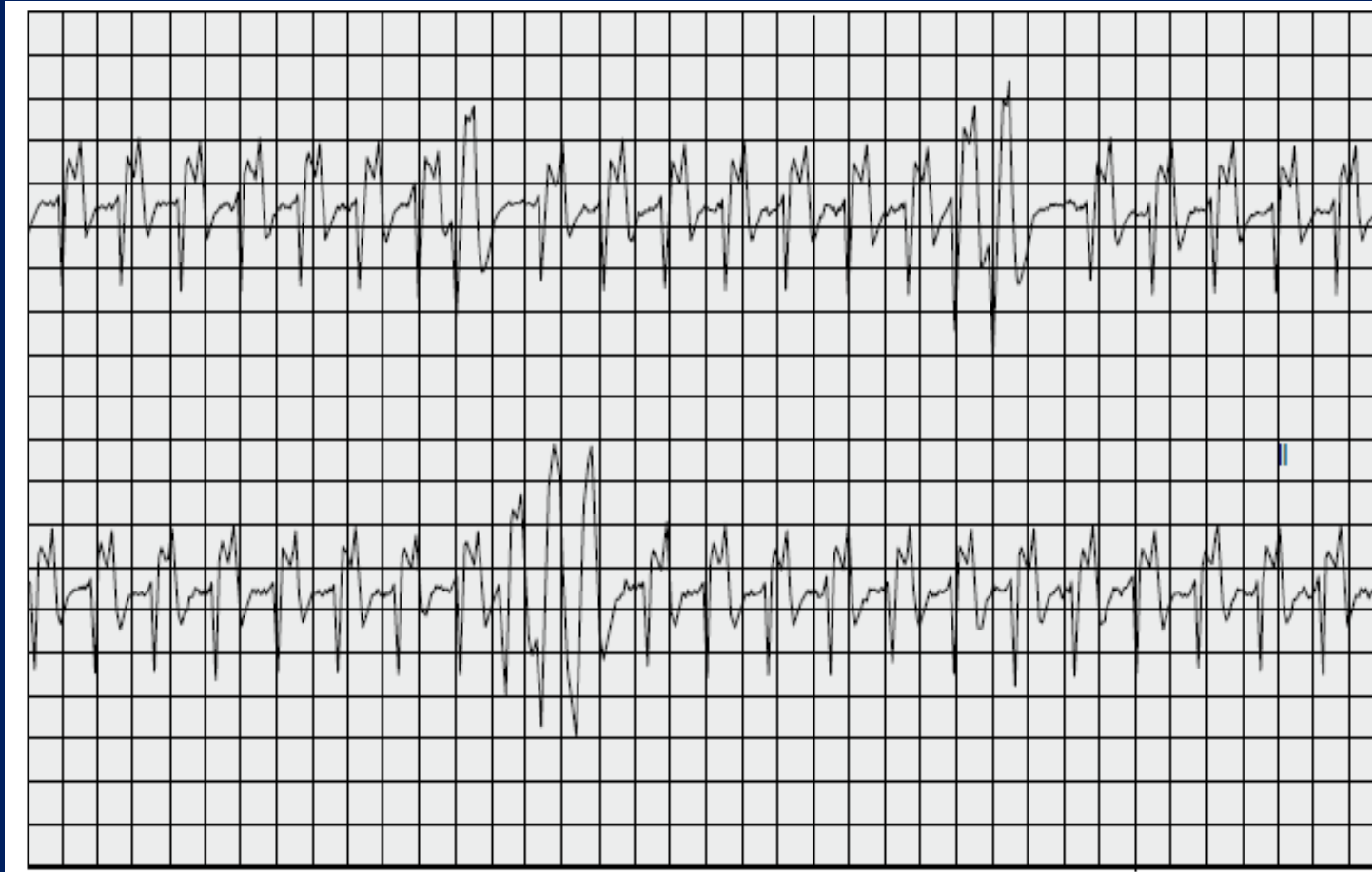
# PVC in Dog



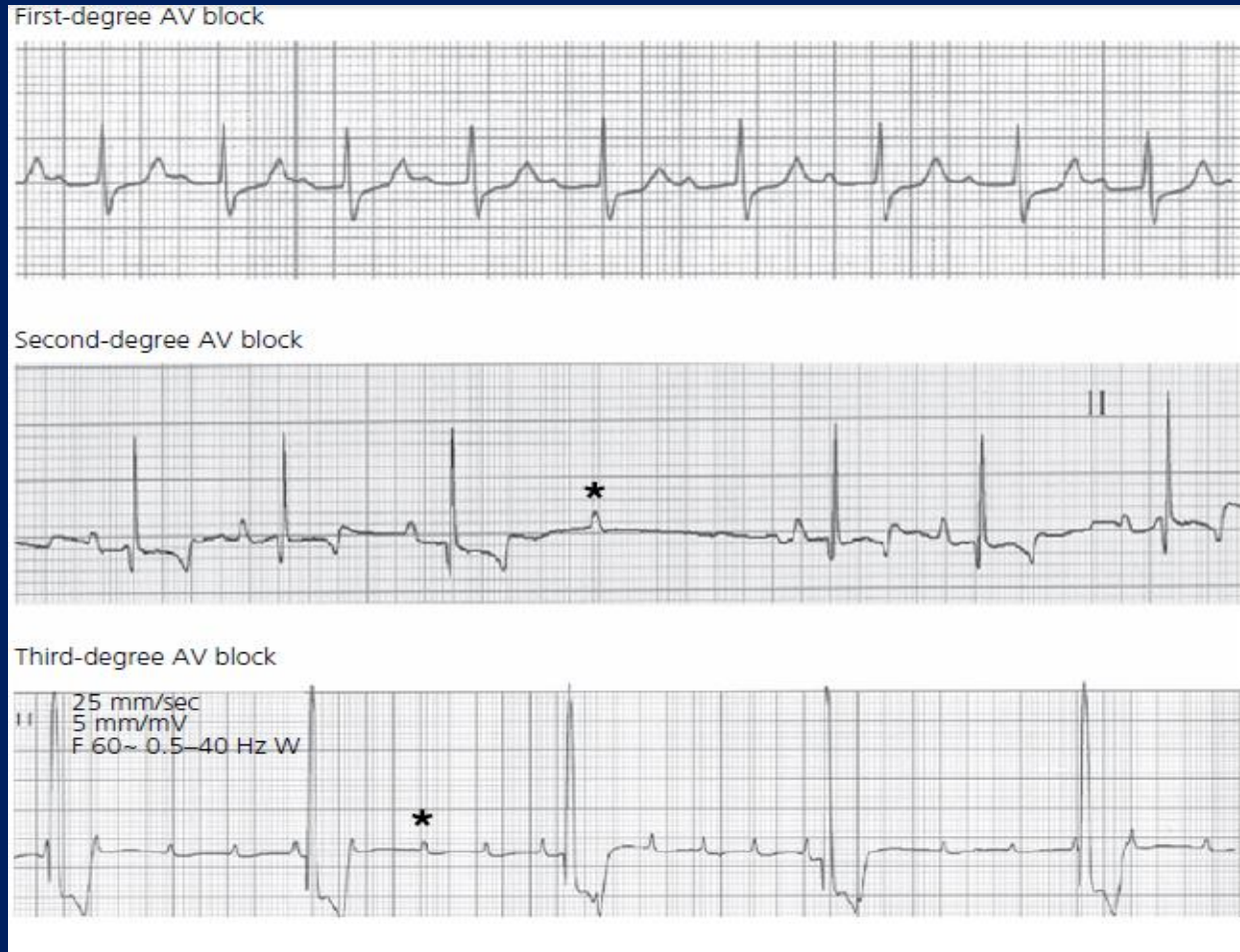
## PVC in Horse



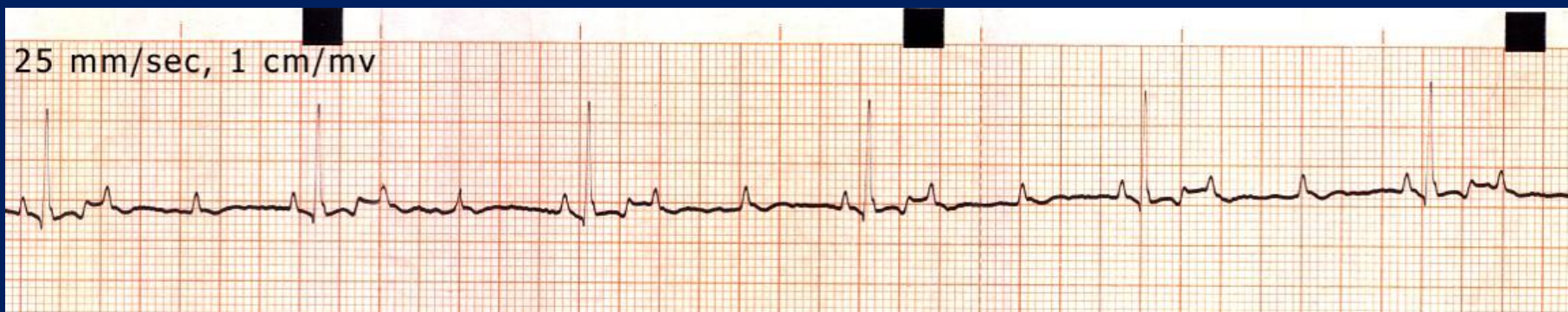
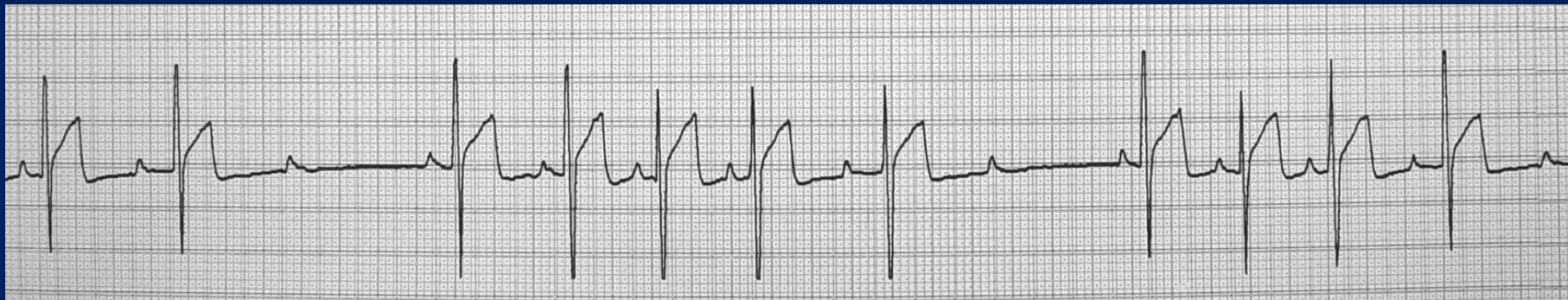
# Sinus Tachycardia and PVC in Horse



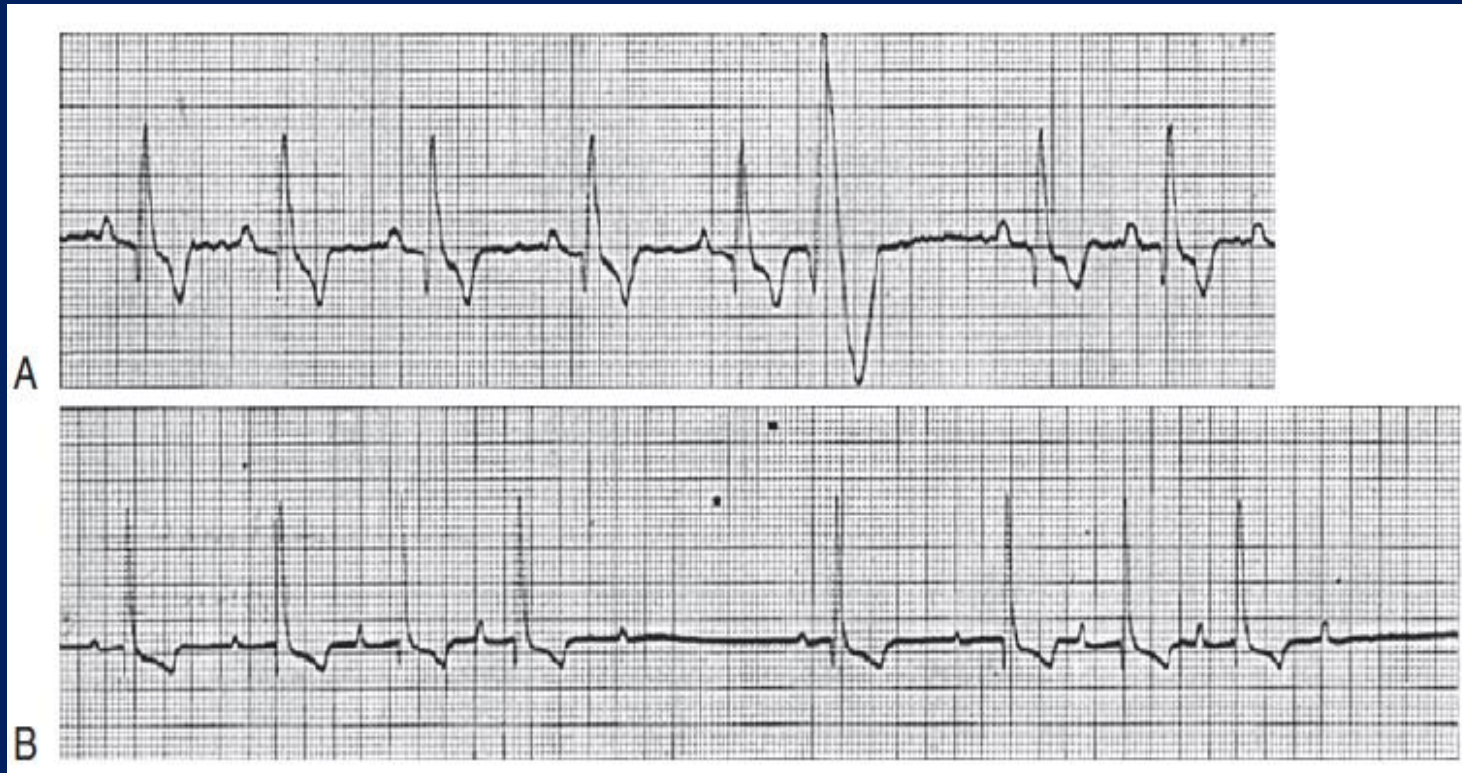
# First, Second and Third-degree AV Block in Dog



## Type 1 and Type 2 Second-degree AV Block in Dog

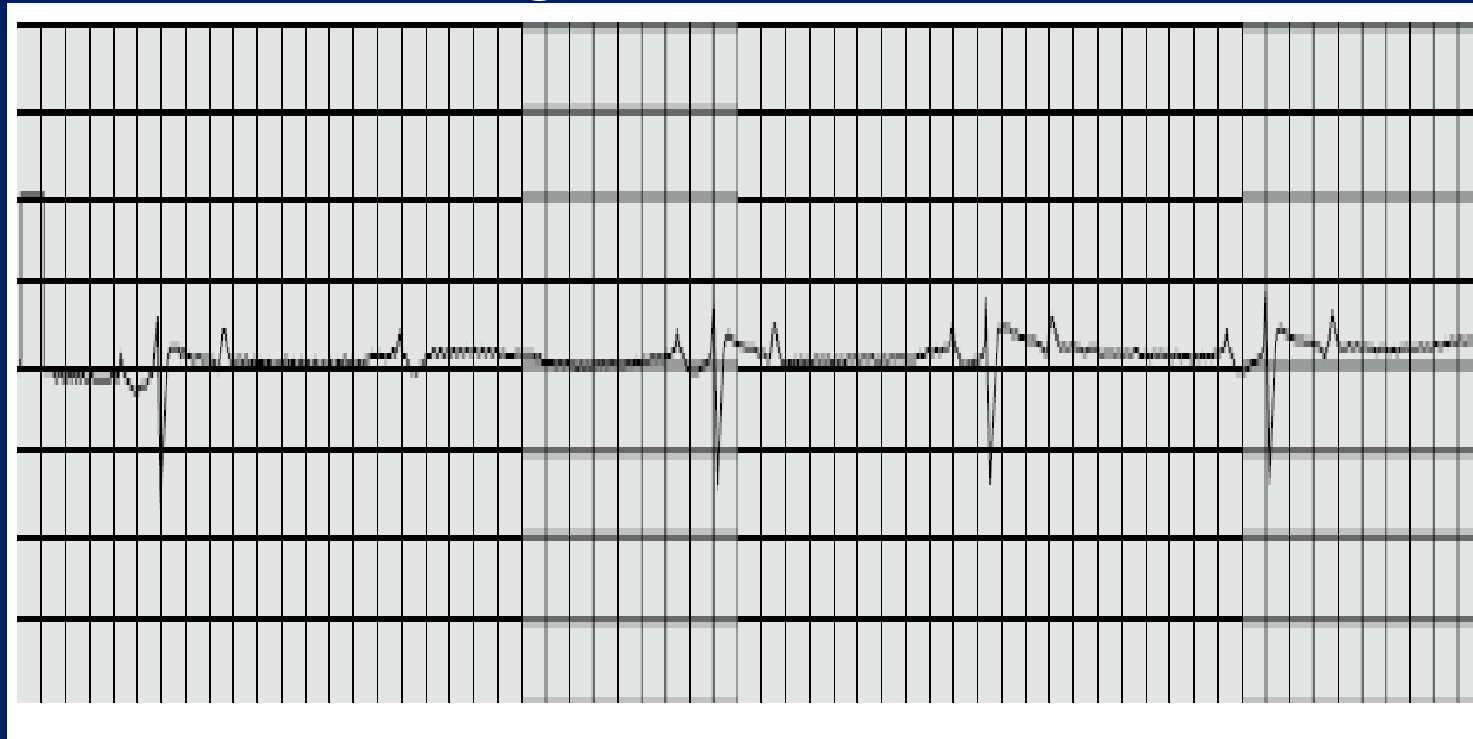


## PVC and Second-degree AV Block in Dog

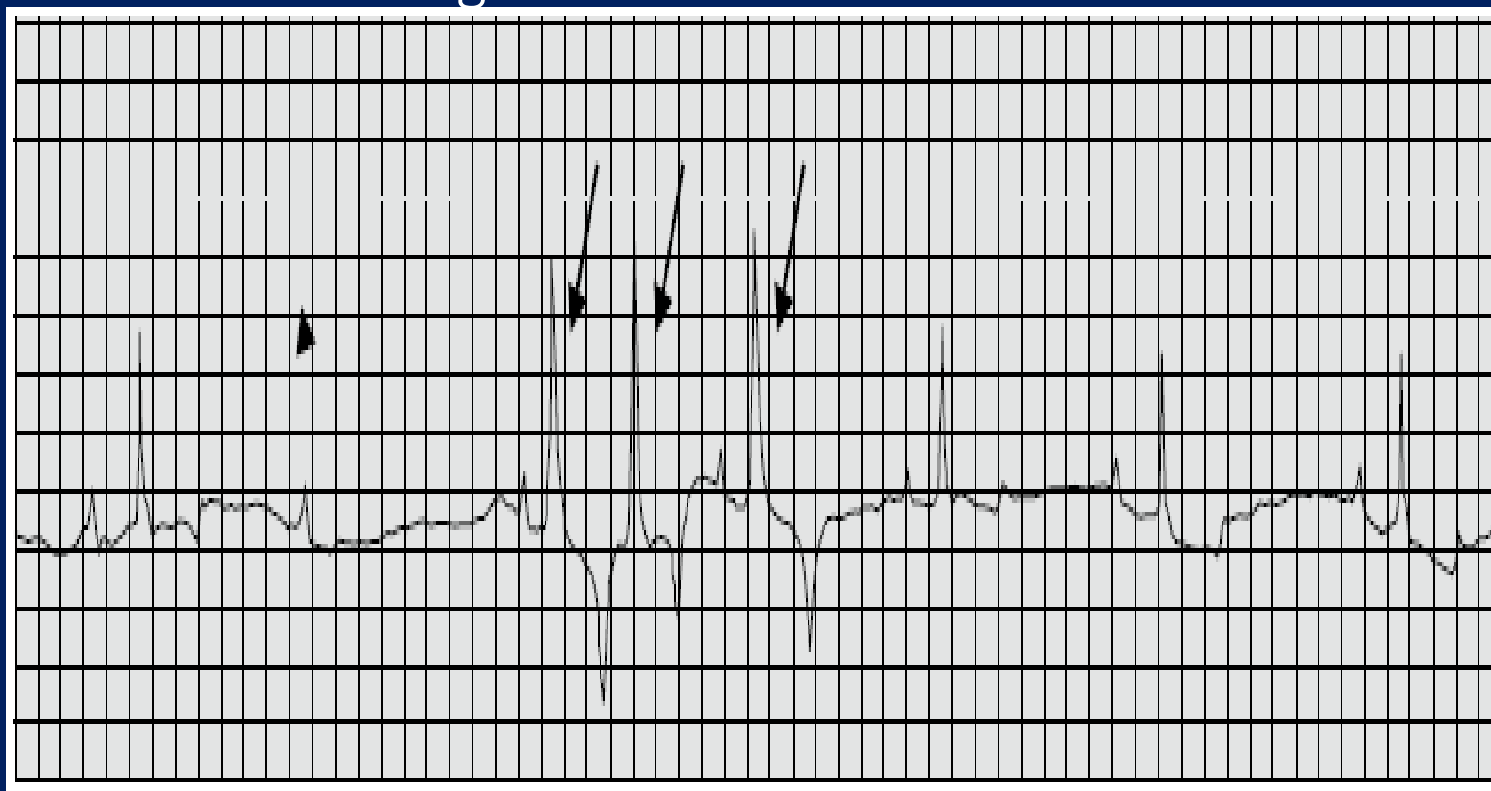




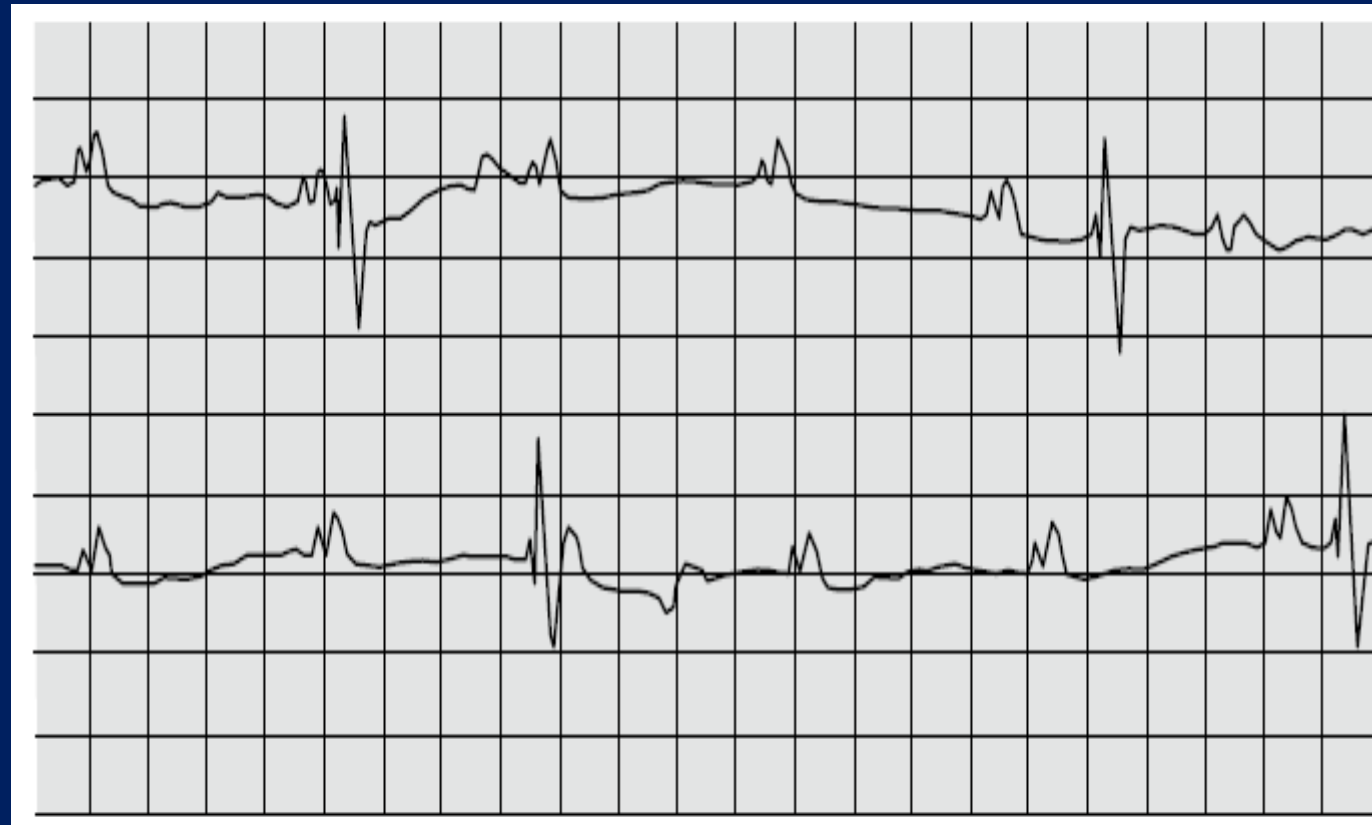
## Second-degree AV Block in Horse



## Second-degree AV Block and PVC in Horse



# Complete AV Block in Horse



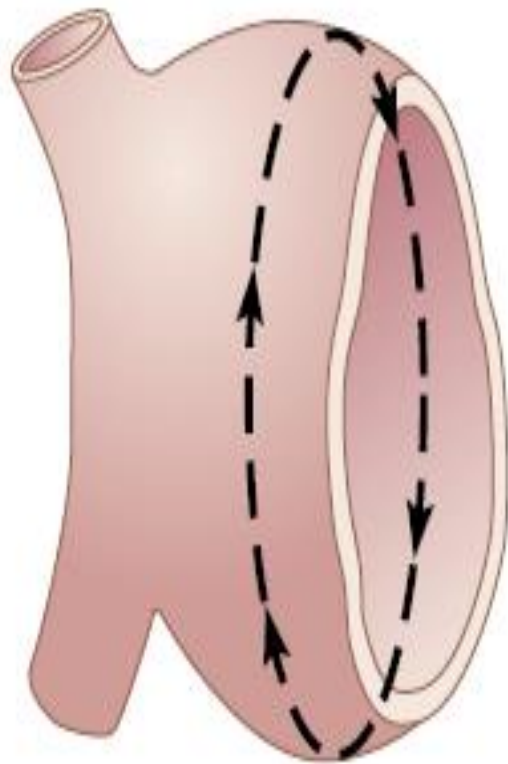
## Supraventricular and Ventricular Tachycardia in Dog

Supraventricular tachycardia

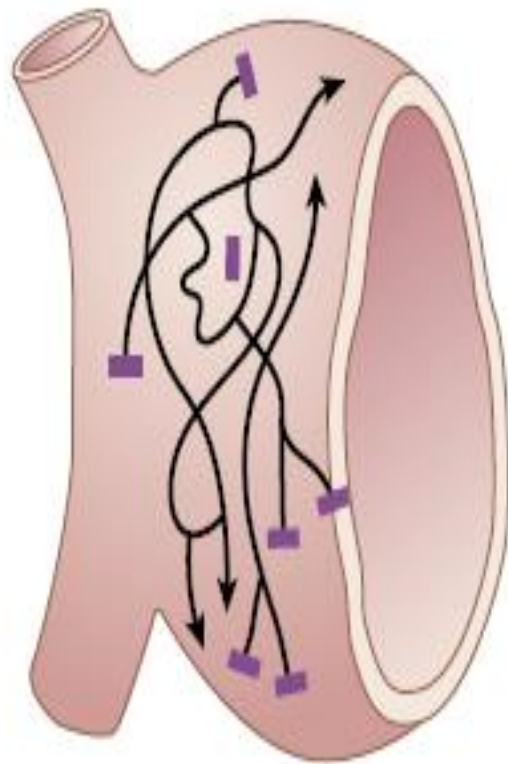


Ventricular tachycardia



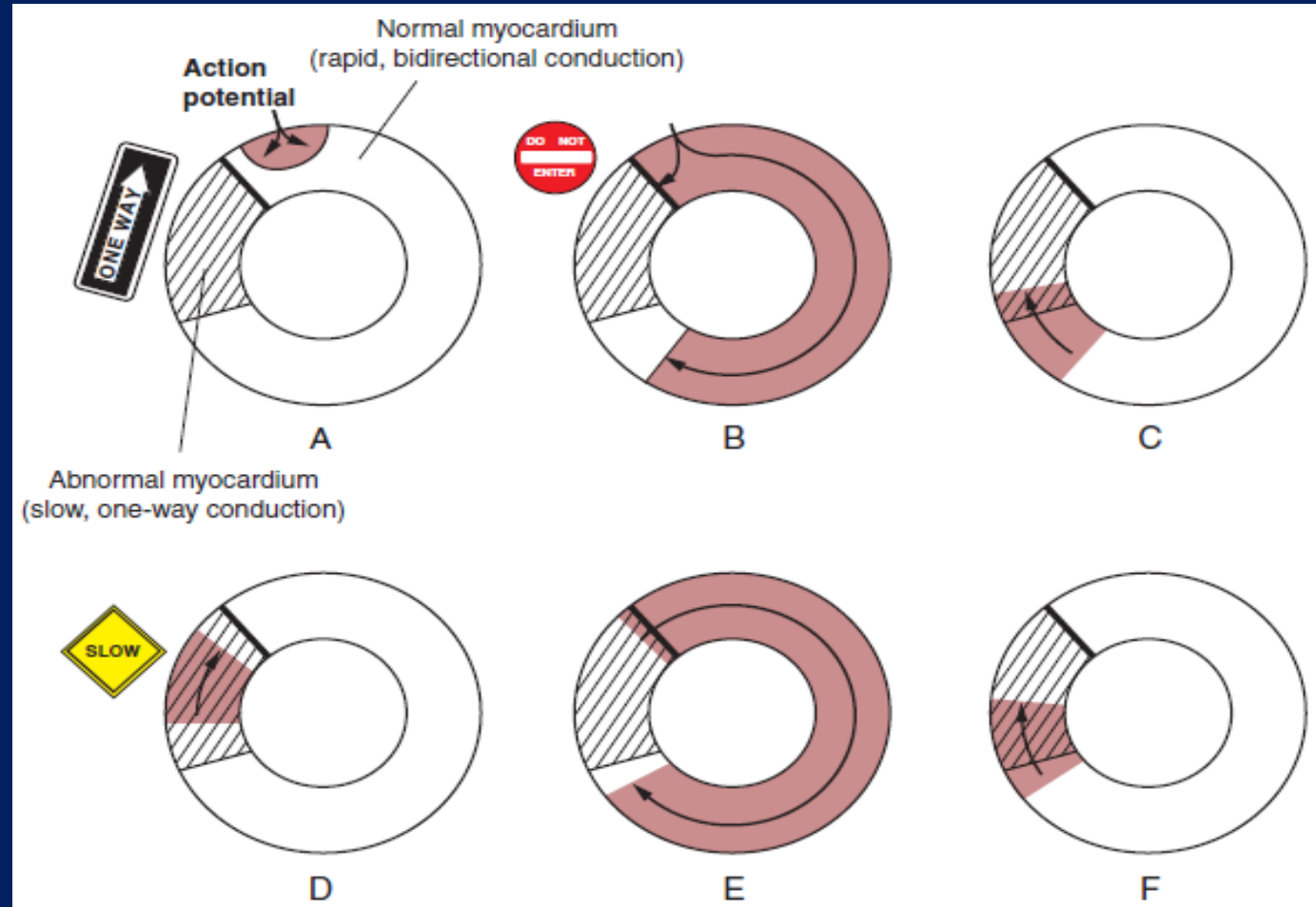


Atrial flutter



Atrial fibrillation

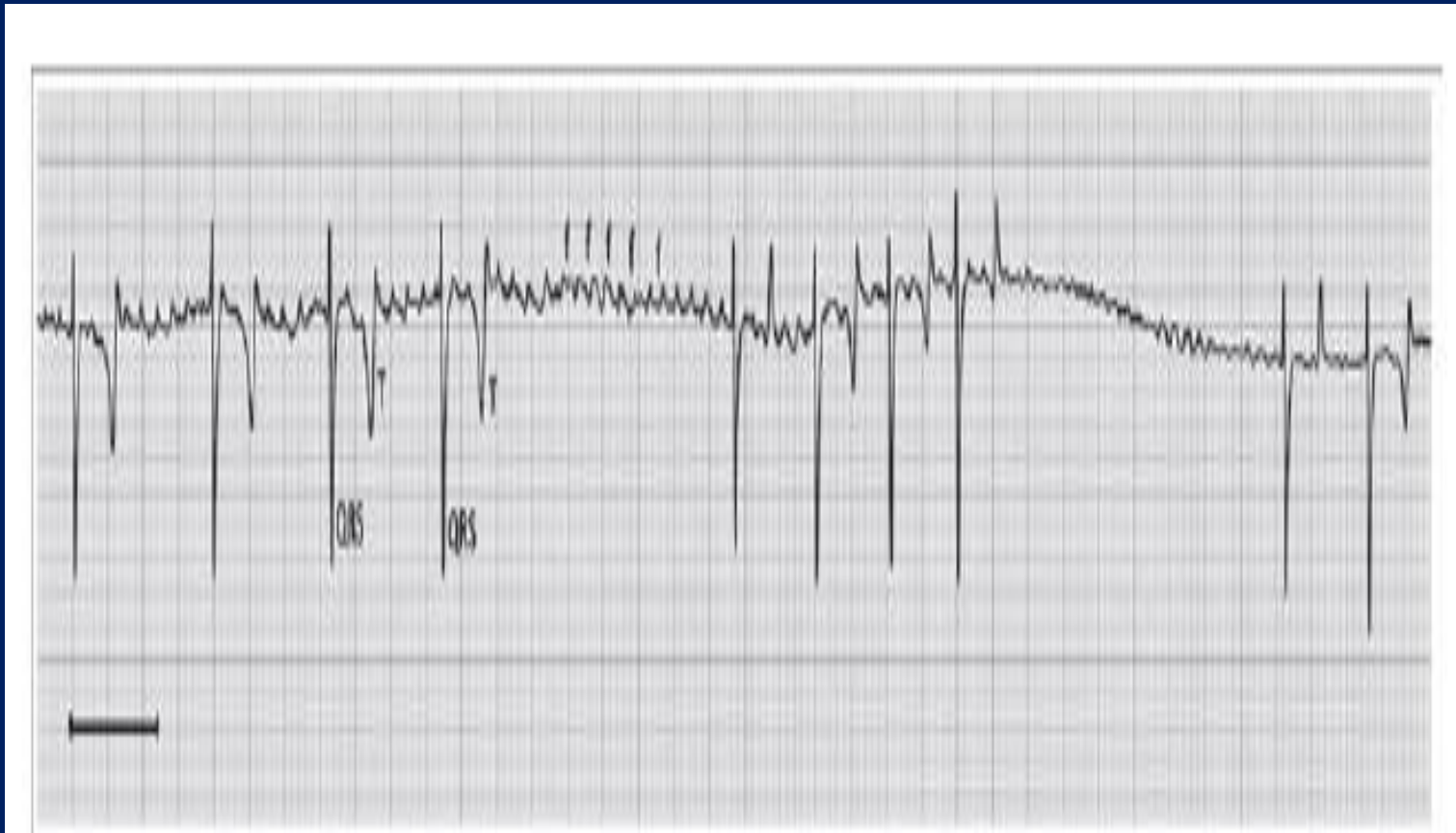
# Reentrant Arrhythmias



# Atrial Flutter in Horse

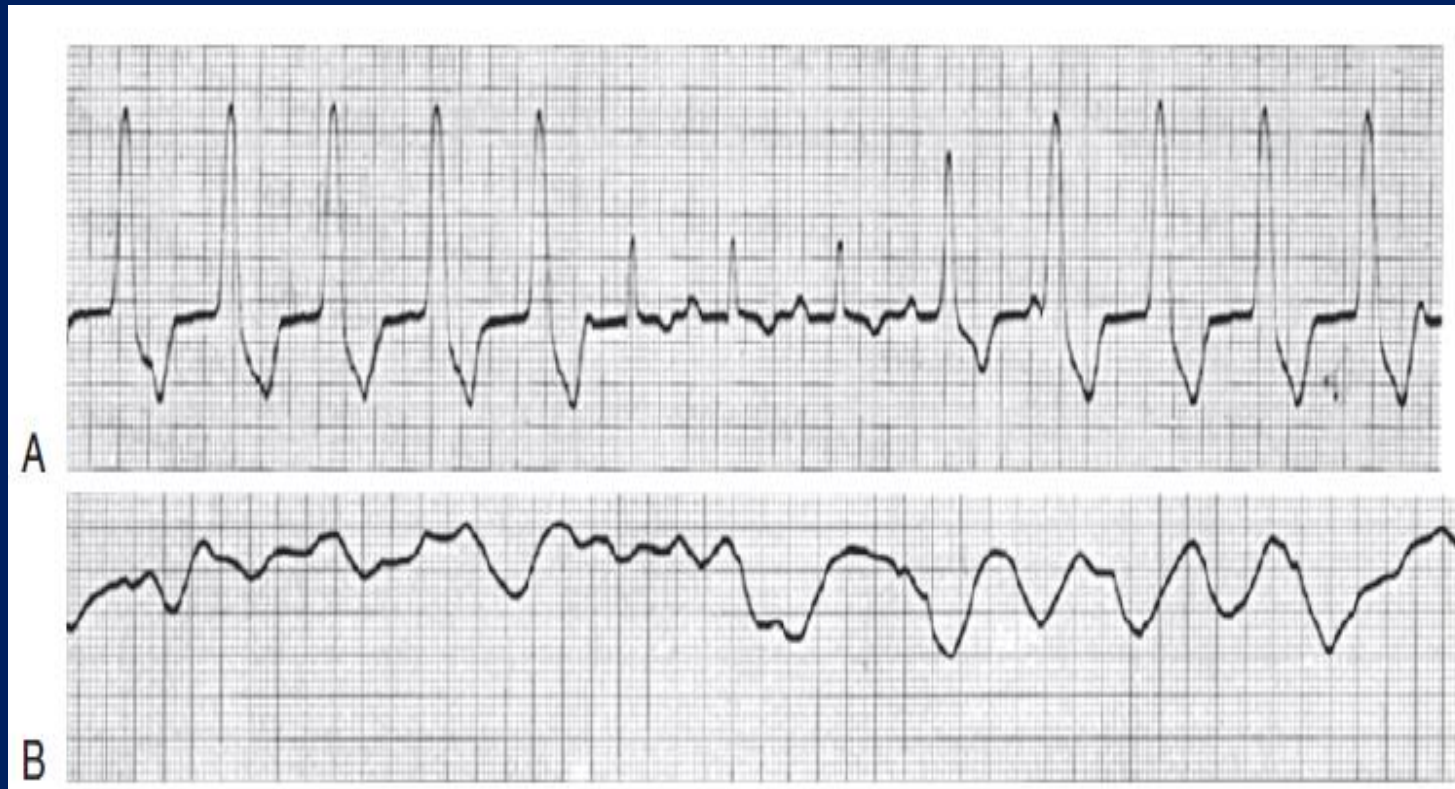


# Atrial Fibrillation in Horse





## Ventricular Tachycardia and Ventricular Fibrillation in Dog



## Atrial Fibrillation in Cat and Ventricular Fibrillation in Dog

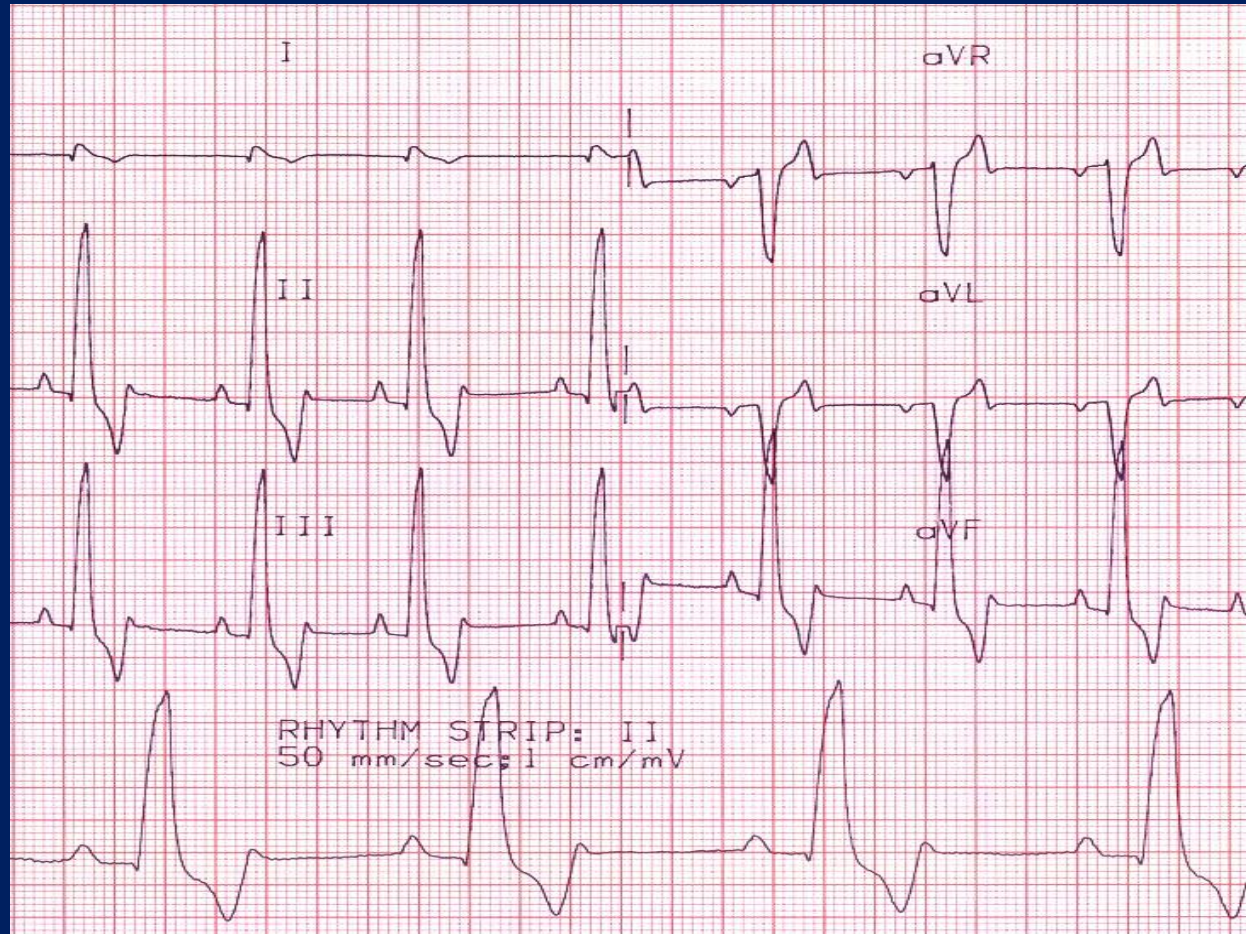
Atrial fibrillation



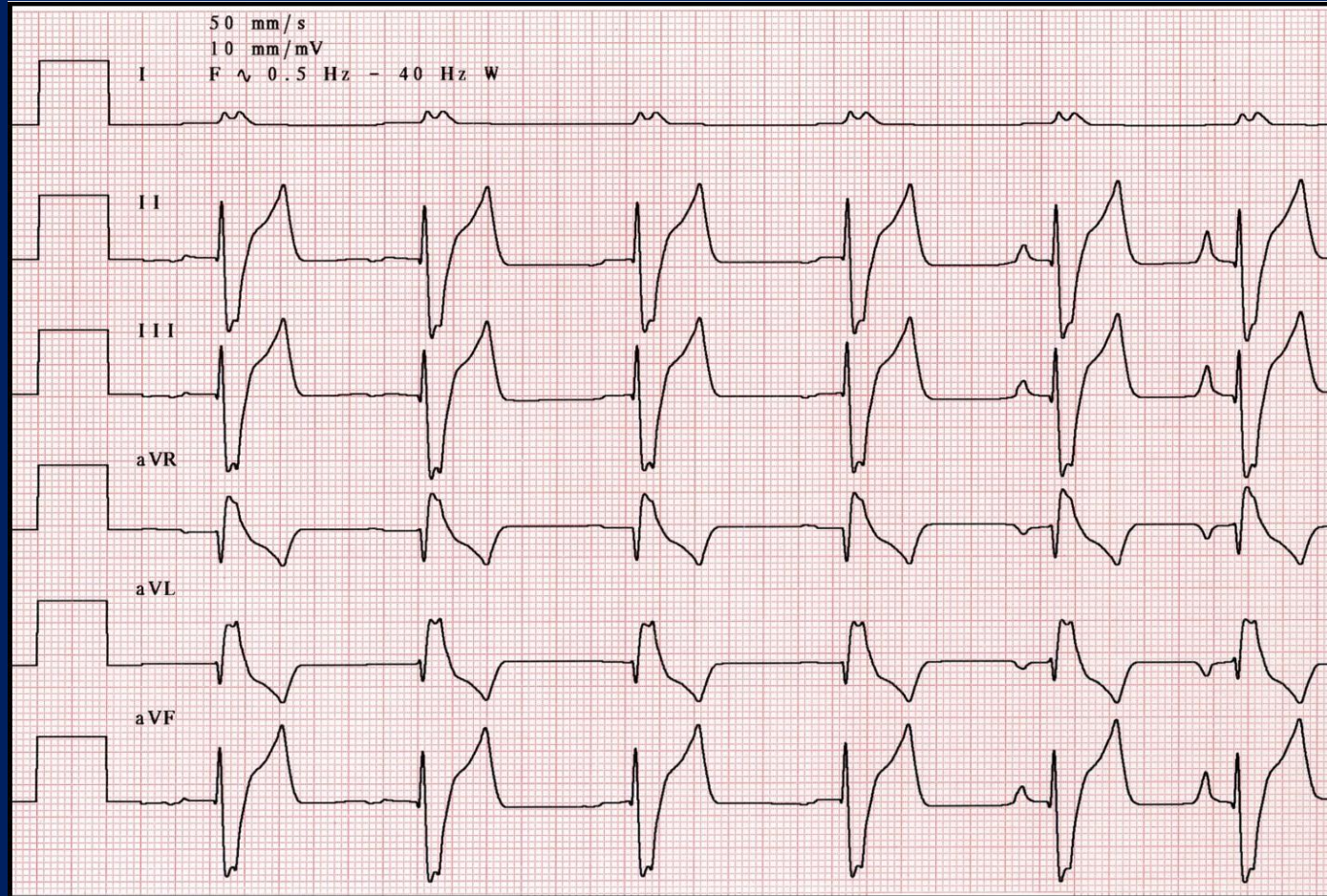
Ventricular fibrillation



# Canine LBBB



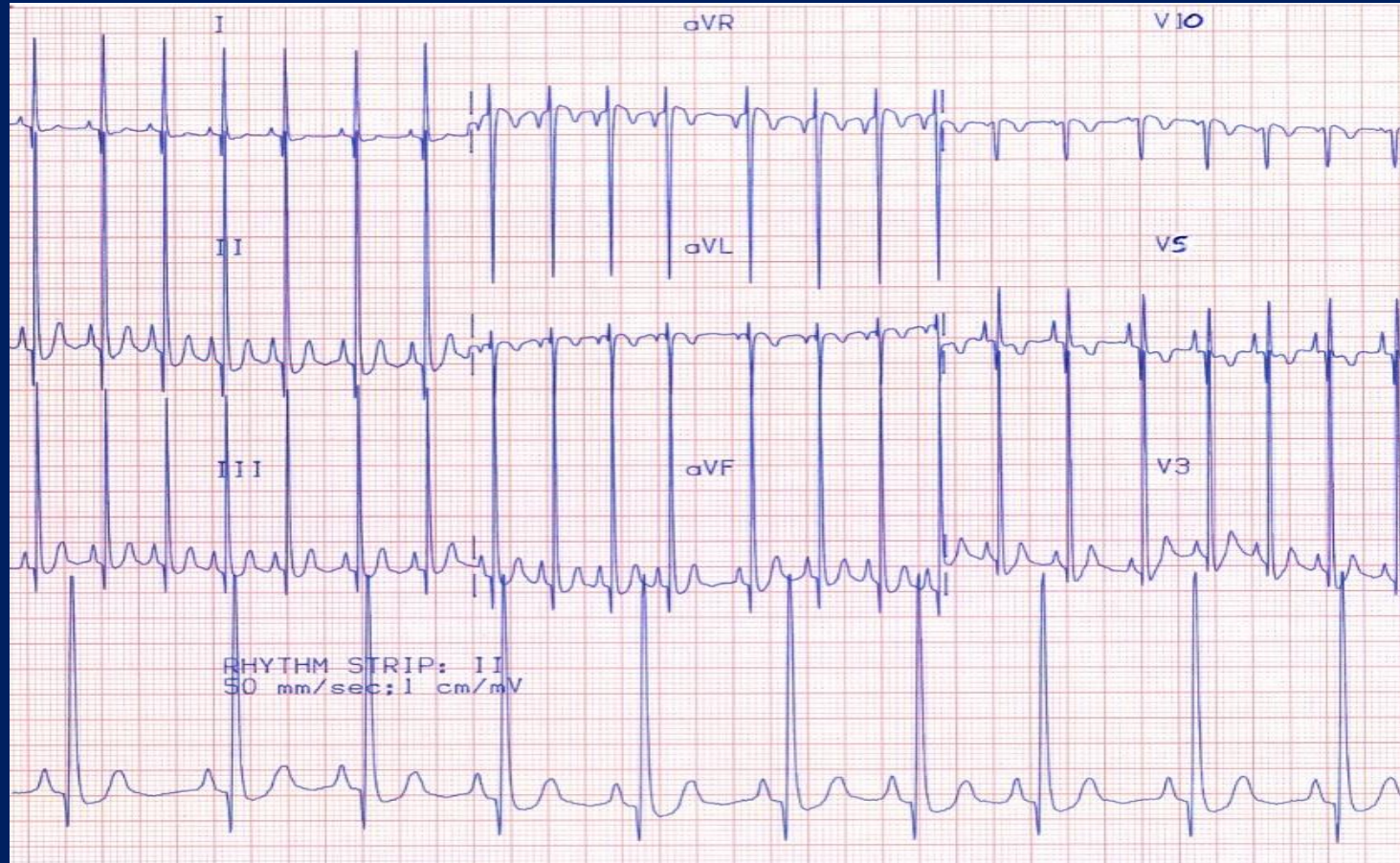
# Canine RBBB



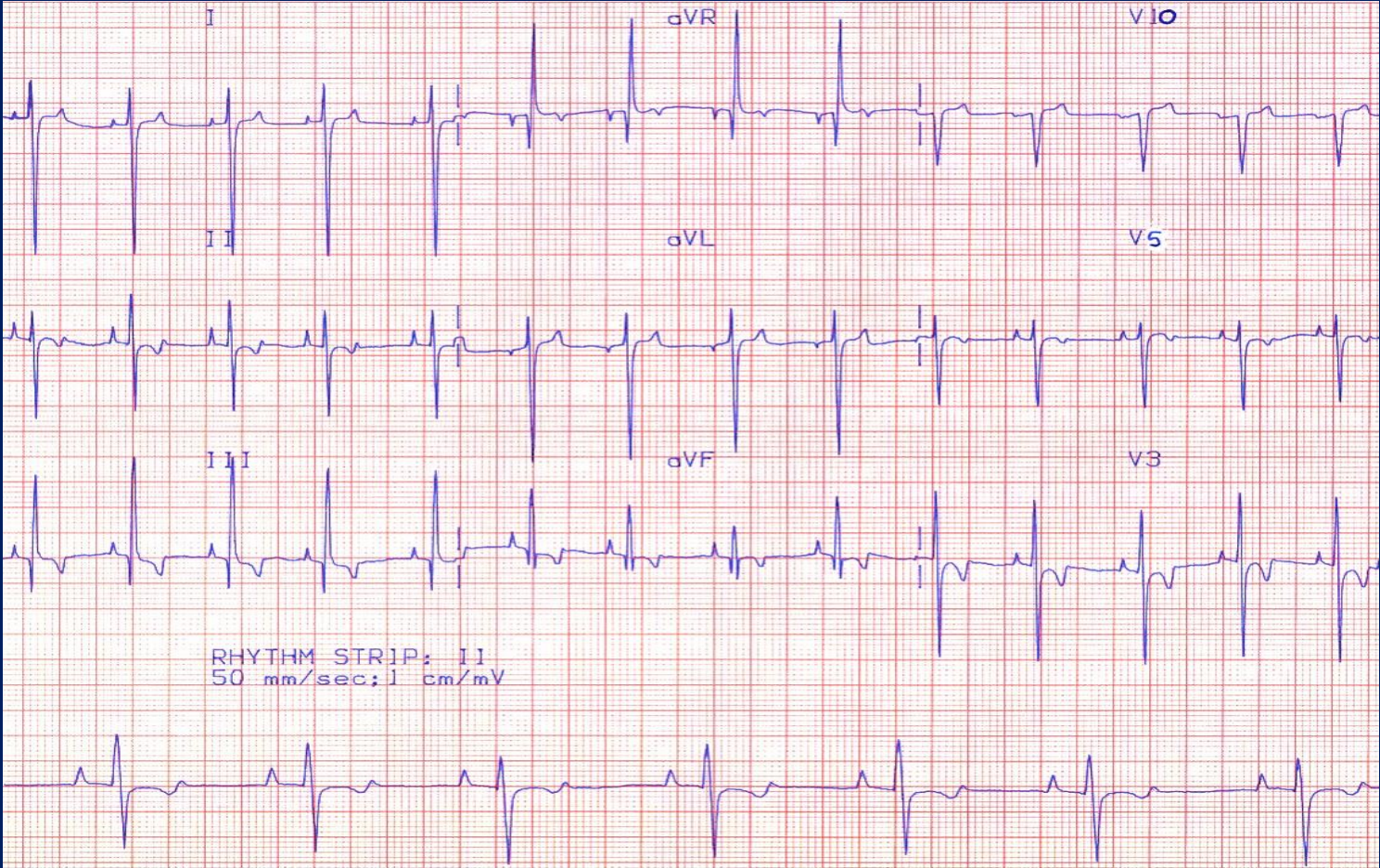
## Canine Left and Right Atrial Enlargement



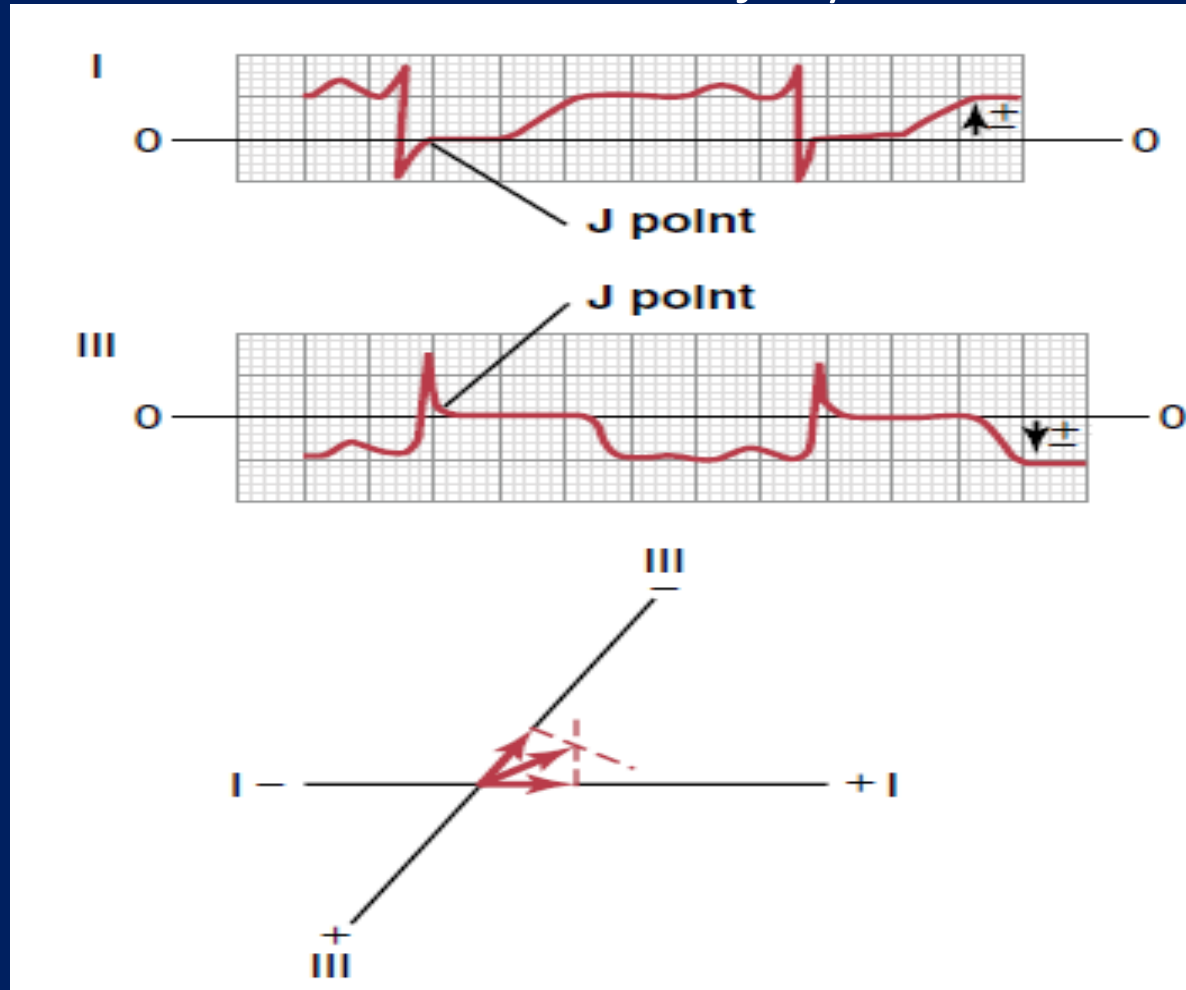
# Canine Left Ventricular Enlargement



# Canine Right Ventricular Enlargement

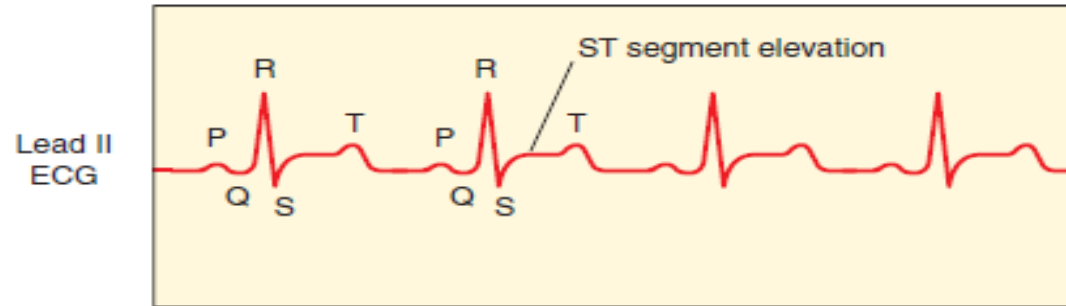


# Current of Injury

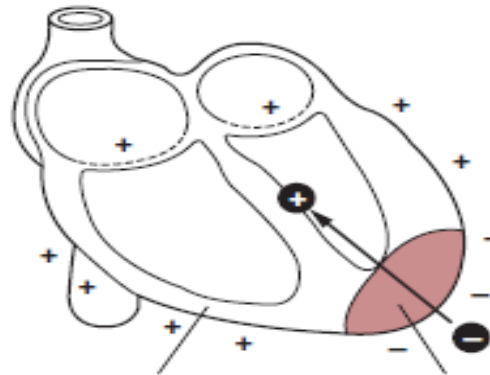




# Inferior(Caudal) MI in Dog



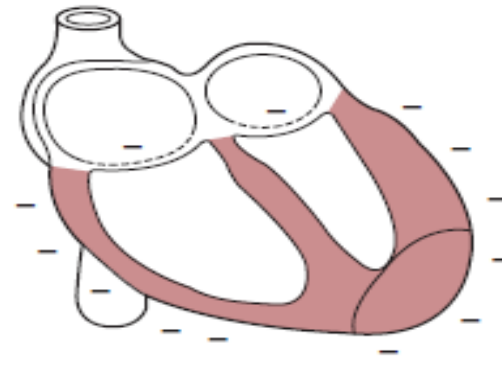
During TP segment



Normal tissue at resting membrane potential

Ischemic area depolarized

During ST segment



Whole ventricle depolarized

# Right Ventricular Hypertrophy in Dog

