

# HEART BLOCK

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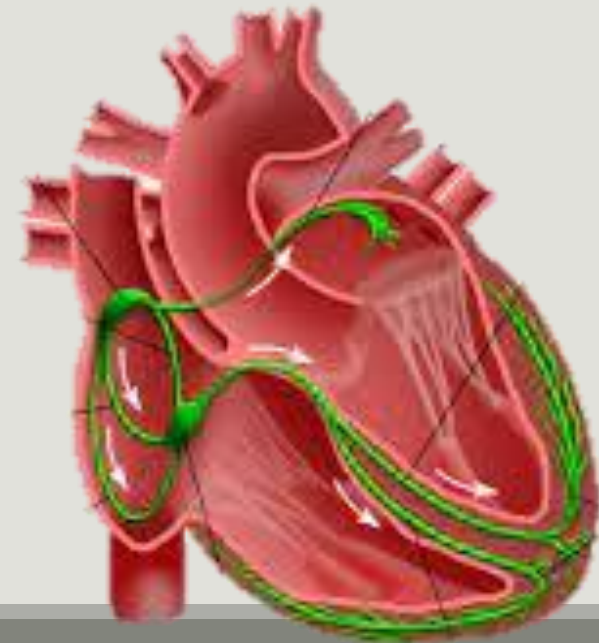
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## DEFENITION

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.Heart block is an abnormal heart rhythm where the heart beats too slowly with results in the electrical signals being partially or totally blocked between the atria and ventricles heart block is also called atrioventricular block.



# ETIOLOGY

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- .Heart attack
- .Drugs
- .Degeration of the conduction system
- .CAD
- .hyperkalemia
- . genetics(CCHP)
- .myiocardit-cardiomiopaty
- . heart surgery

# Clinical manifestation

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Fainting

Feeling

Dizzy

Chestpain

Feeling tired

Heart palpitations

Rapid breathing

Nausea

SOB

Bradycardia ◦



# TYPES OF HEART BLOCKS

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1-SA node block

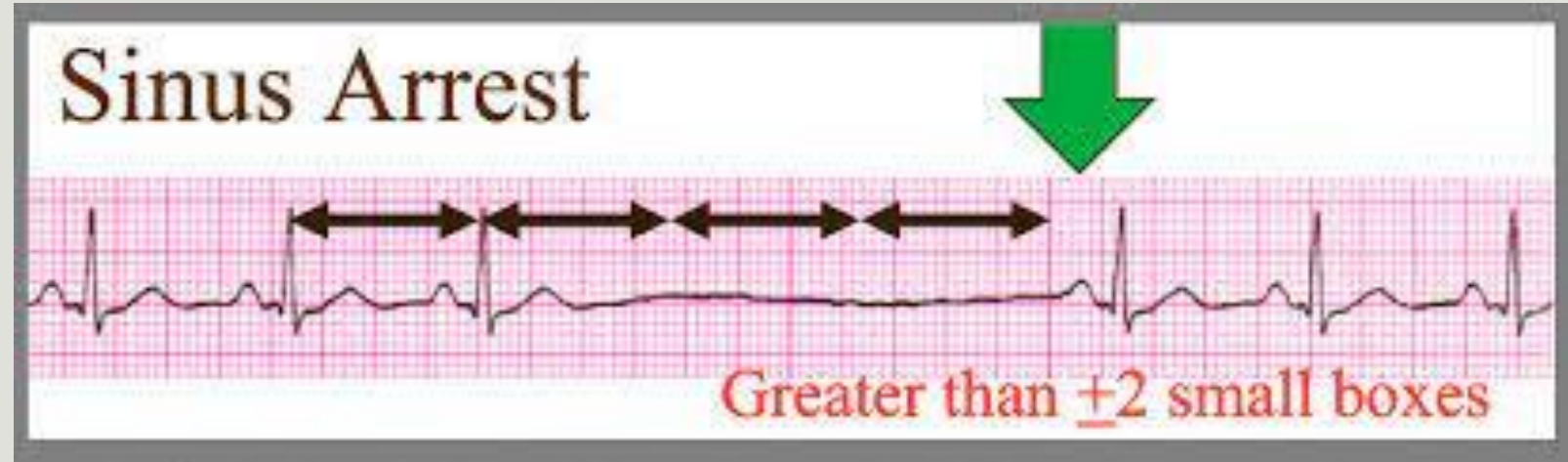
2-Intra atrial block

3-Av node blocks

4-Intraventricular blocks

# SA node blocks

.Sinus pause

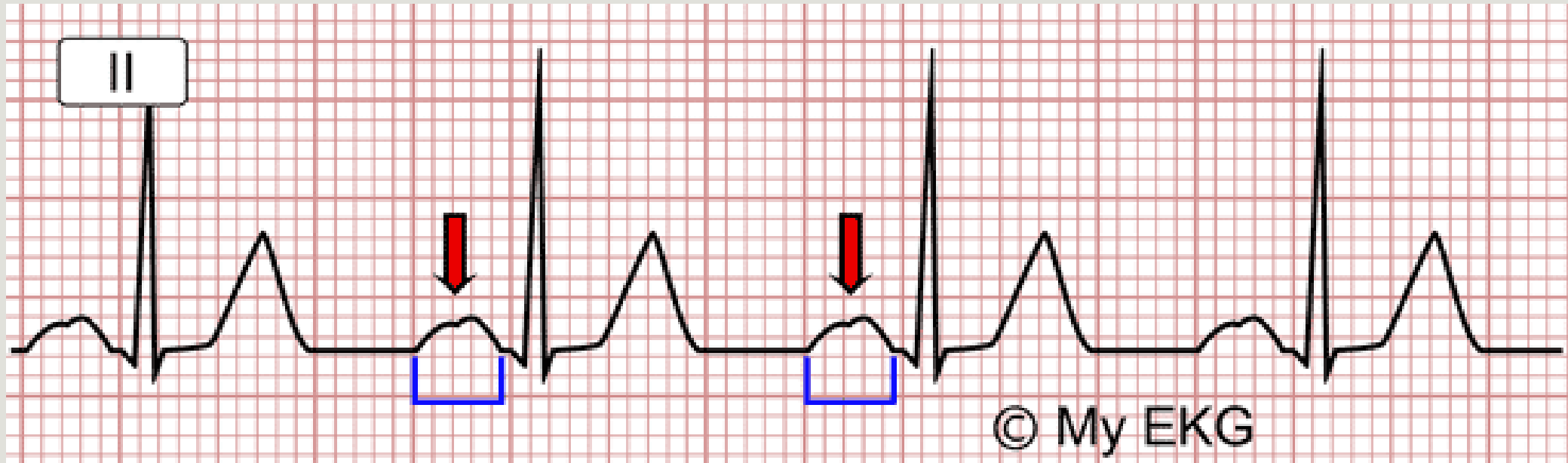


.Sinus exite block



# Intra atria block

Atrial hypertrophy-CAD ◦



# AV node block

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## First degree block





# Second degree av blocks

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Mobits type 1

Treatment=Atropin-TPN



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Second degree AV block type 1 (Wenckebach or Mobitz type 1) results from a cyclical and progressive conduction delay through the AV junction. The ECG presents with a cyclical lengthening of the PR interval followed by a dropped QRS. A P wave not partnered with a QRS.

Treatment = Atropine - pacemaker

# MOBITZ TYPE 2

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**Second Degree AV Block Mobitz Type 2**

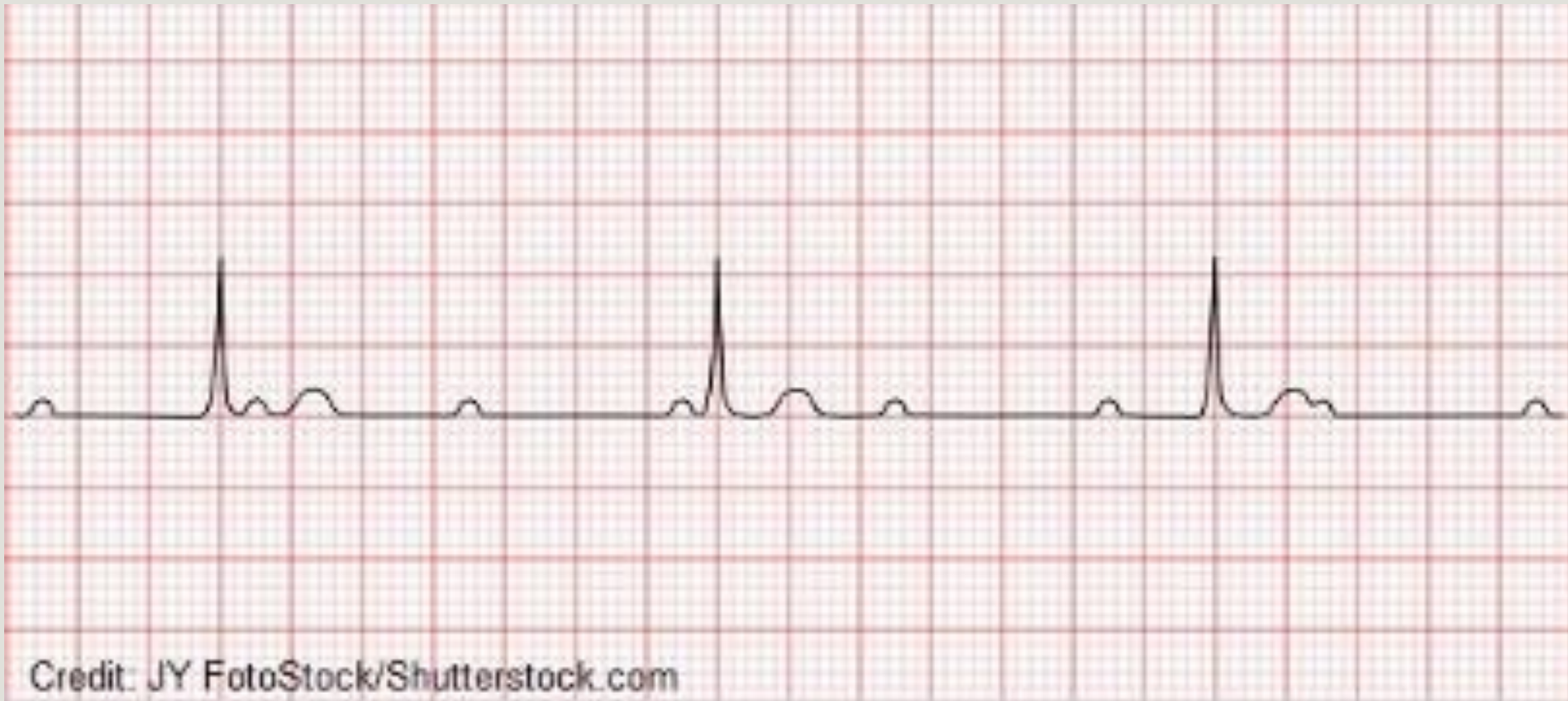


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Treatment = pace maker-isoperternol-dopamine-  
adrenaline-CBR-o2tropy

# Third Degree Block(CHB)

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Etiology=MI(Anterior mi)-Drugs-Heart surgery-miocardit-cardiomiopat

Treatment =pace maker –epinephrine-dopamine-esoperternol