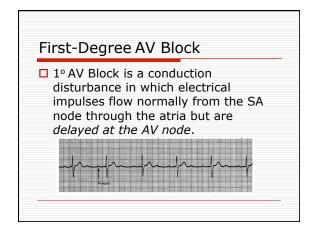


Topics for Today
 AV Blocks 1° AV Block 2° AV Block 3° AV Block





- P wave: normal in size and configuration.
- 2. Atrial rhythm: regular.
- 3. Atrial rate: usually within normal limits; same as the ventricular rate.
- **4.** PR interval: *prolonged* (>0.20 second), but constant in duration.

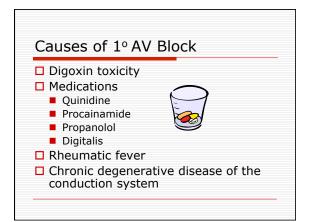
First-Degree AV Block : 8 Steps...

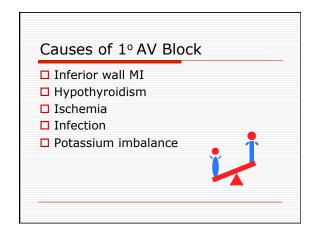
- 5. Ventricular rhythm: regular.
- 6. Ventricular rate: usually within normal limits; same as the atrial rate.
- 7. QRS complex: usually within normal limits since the conduction delay occurs in the AV node.
- 8. QT interval: usually within normal limits.

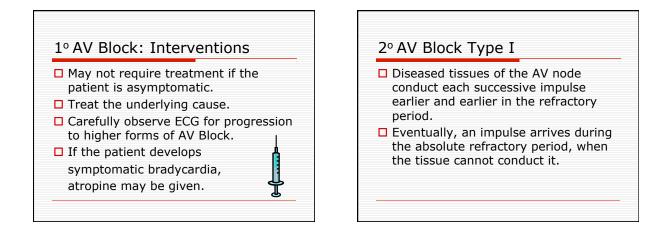
Significance of 1° AV Block

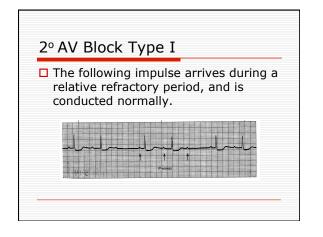
□ Can appear in healthy persons.

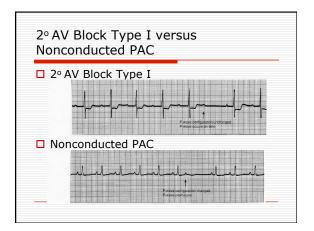
Can indicate digitalis toxicity if the person takes digoxin.









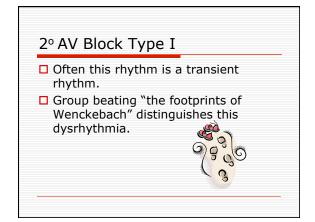


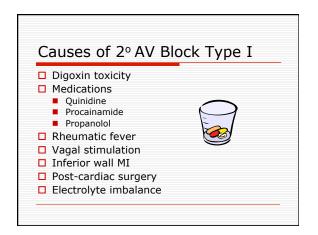
2º AV Block Type I: 8 Steps

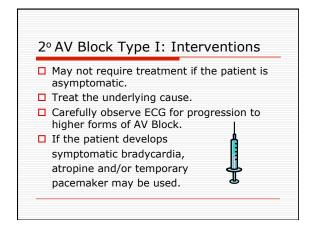
- P wave: normal in size and configuration.
- Atrial rhythm: regular; constant P-P intervals.
- 3. Atrial rate: greater than ventricular rate, but usually within normal limits.
- 4. PR interval: progressively lengthens with each cycle until a p wave appears without a QRS complex following it.

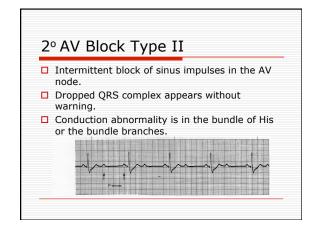
2° AV Block Type I: 8 Steps

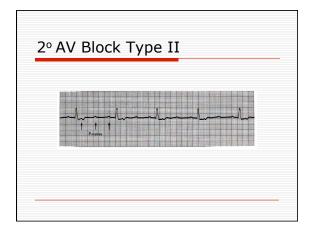
- 5. Ventricular rhythm: irregular. R-R interval progressively shortens until a p wave appears without a QRS (dropped beat). Then the cycle repeats.
- 6. Ventricular rate: less than the atrial rate, but usually within normal limits.
- QRS complex: usually within normal limits since the block lies above the Bundle of His; complex is dropped periodically.
- 8. QT interval: usually within normal limits.

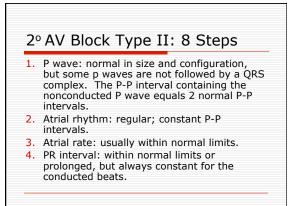








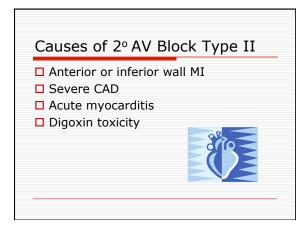


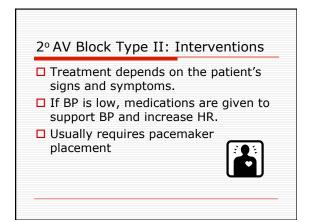


2° AV Block Type II: 8 Steps

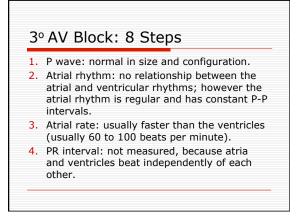
- 5. Ventricular rhythm: regular or irregular, depending on the pauses.
- Ventricular rate: less than the atrial rate, but usually within normal limits.
- QRS complex: varies, but usually within normal limits; complex is dropped periodically.
- 8. QT interval: usually within normal limits.

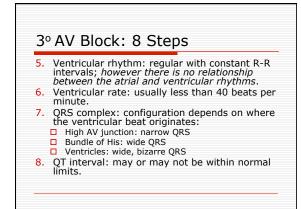
2° AV Block Type II: Significance This dysrhythmia reflects organic heart disease and frequently progresses to a higher form of block. Usually occurs at or below the bundle of His.





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	reaching th			in impulses
	uction abno the bundle			
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- This dysrhythmia may be related to severe digitalis toxicity or MI.
- Often stems from bilateral bundle branch block.

