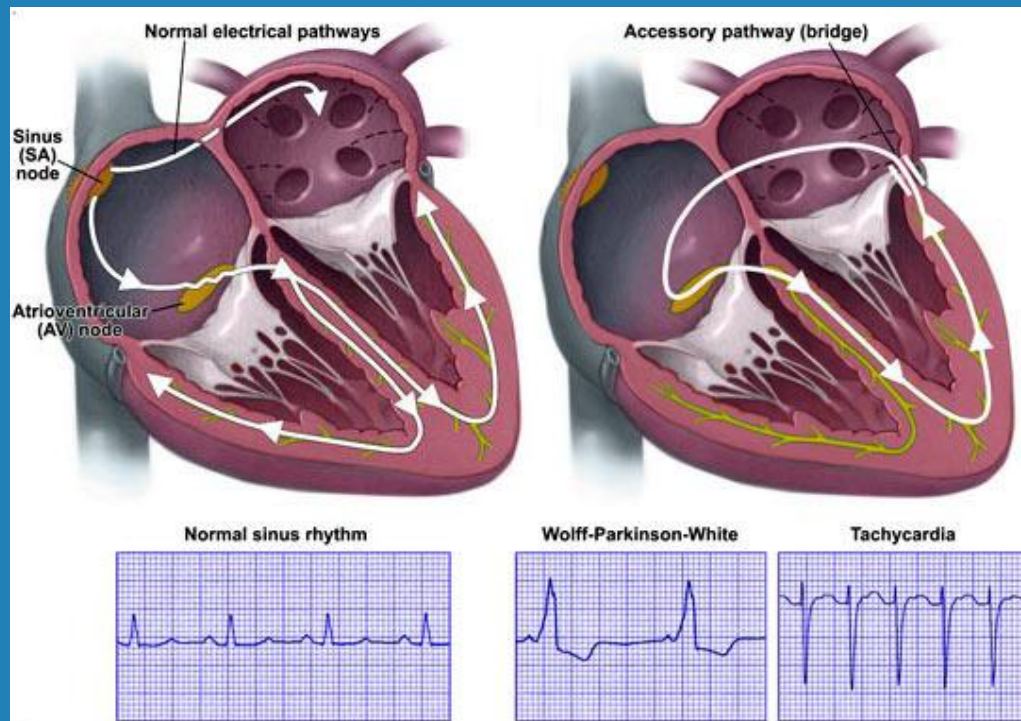
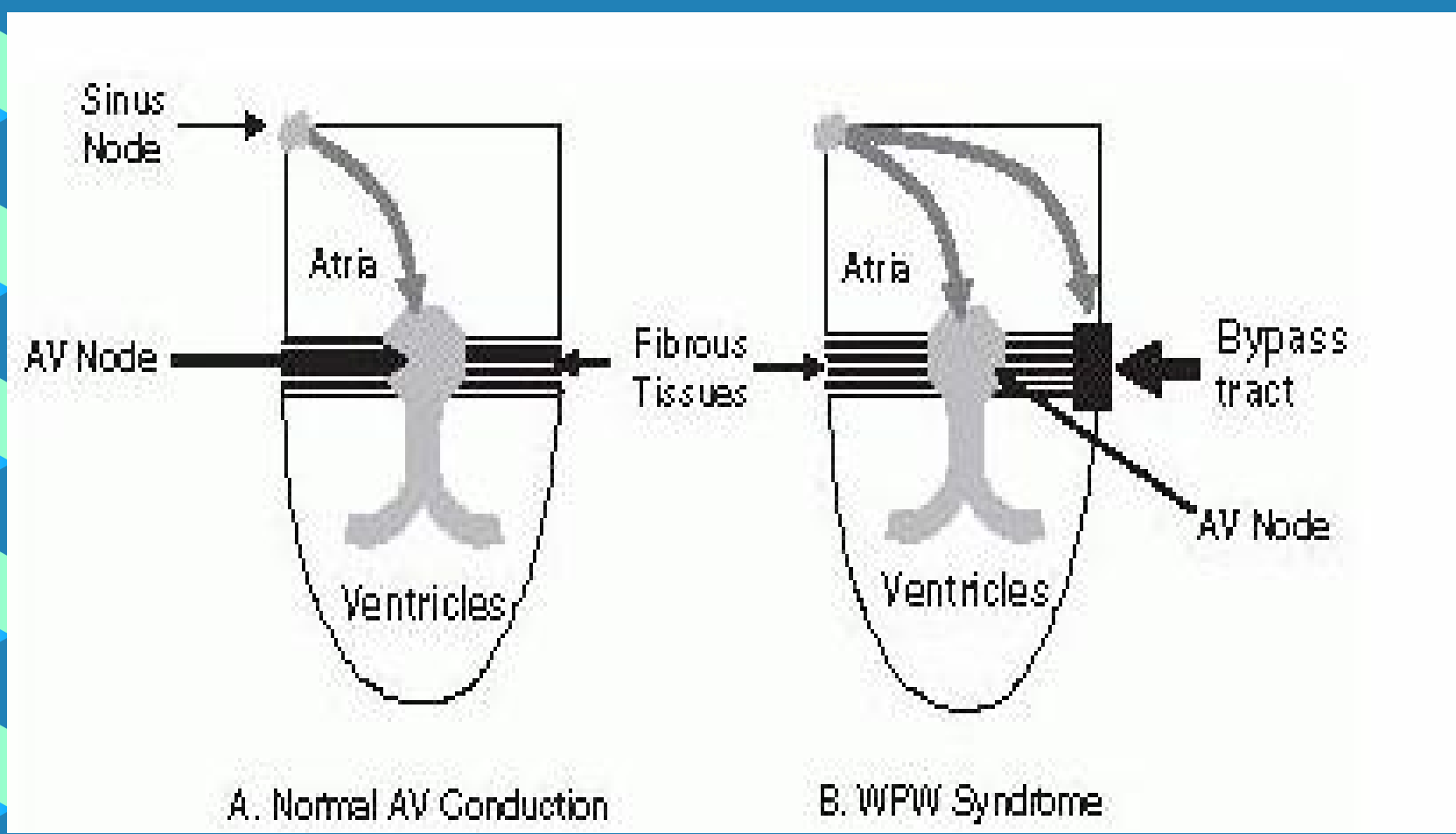


# ΣΥΝΔΡΟΜΟ ΠΡΟΔΙΕΓΕΡΣΗΣ WOLFF-PARKINSON-WHITE



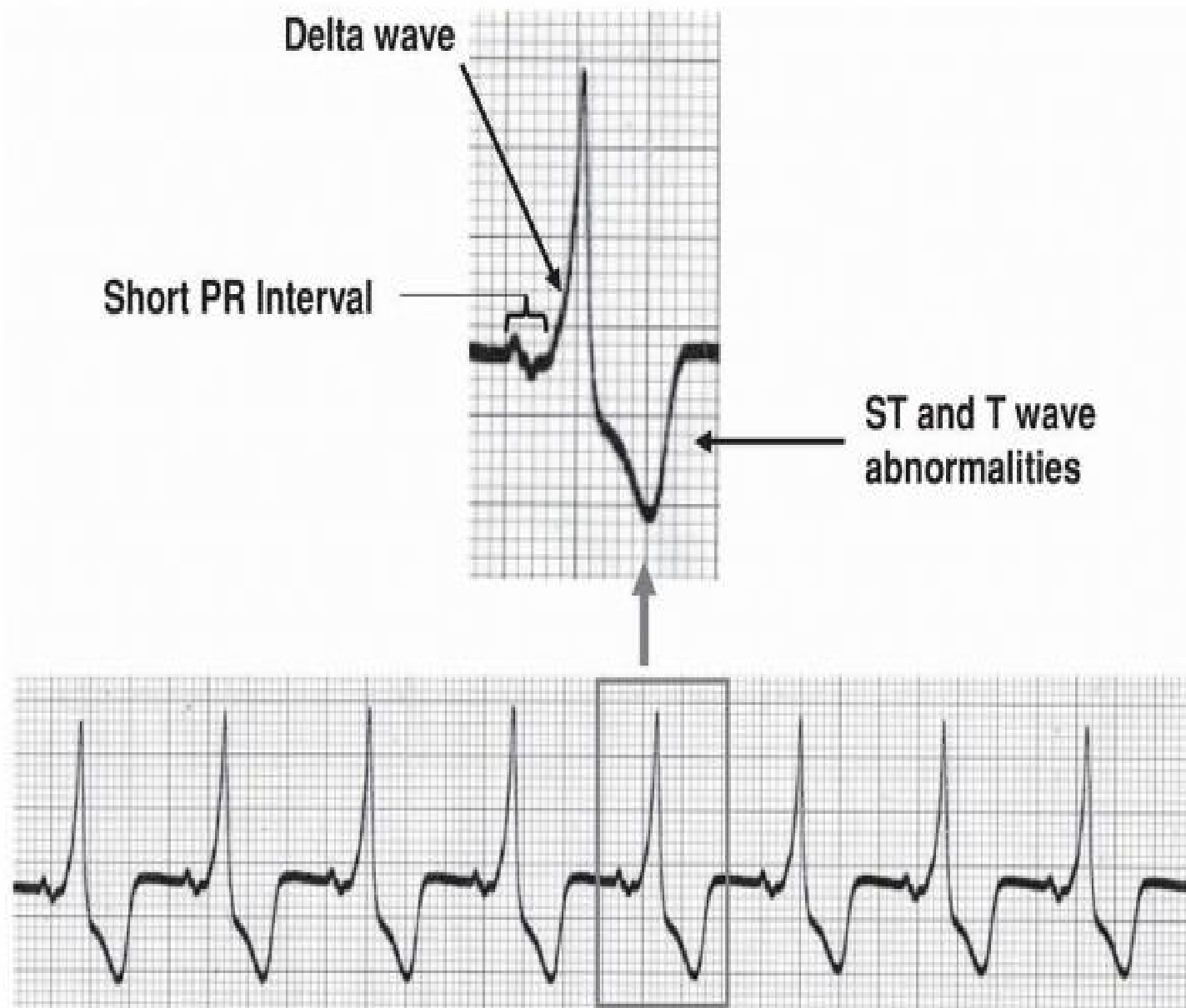
ZAMΦΙΡ  
ΤΑΤΙΑΝΑ

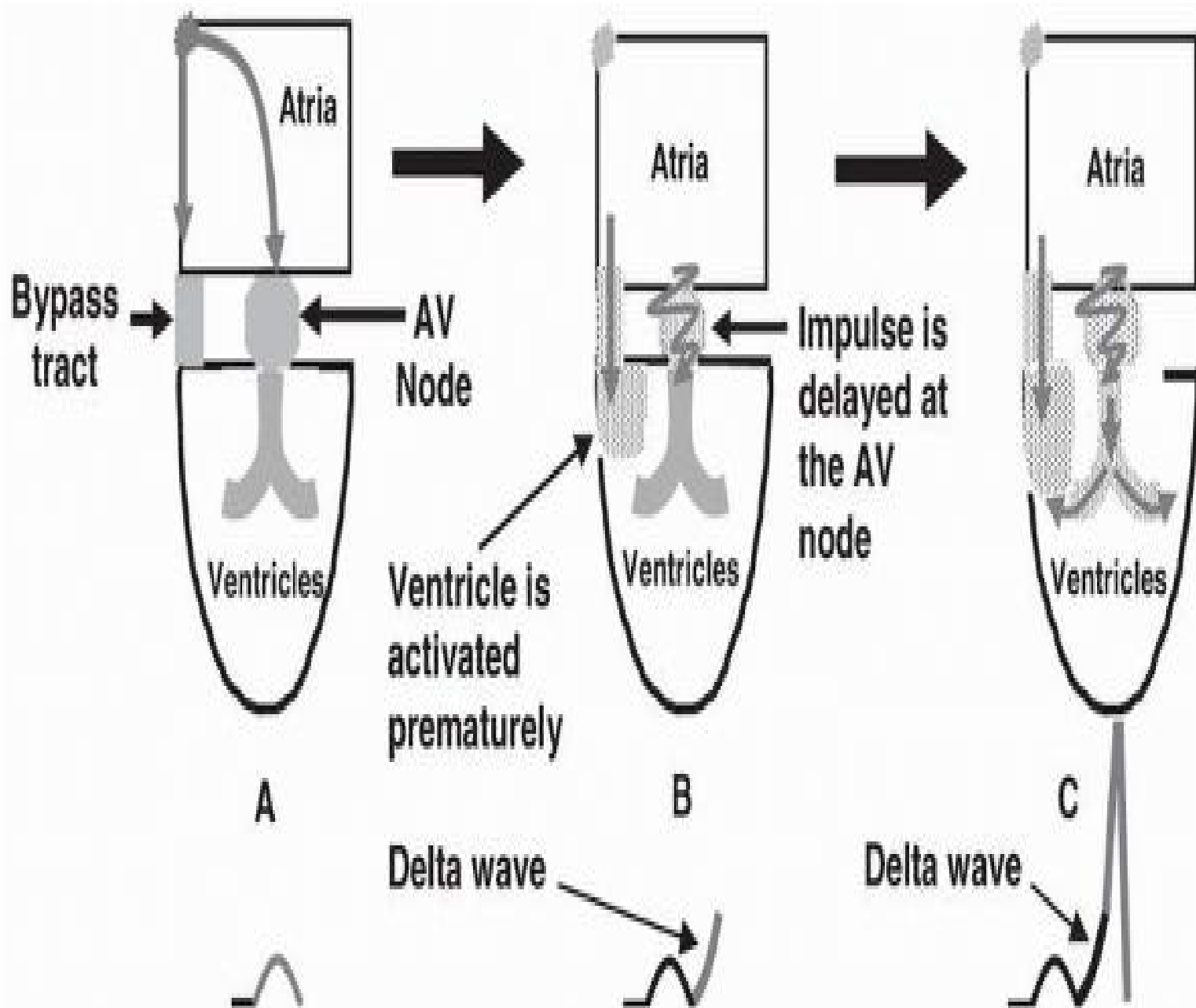


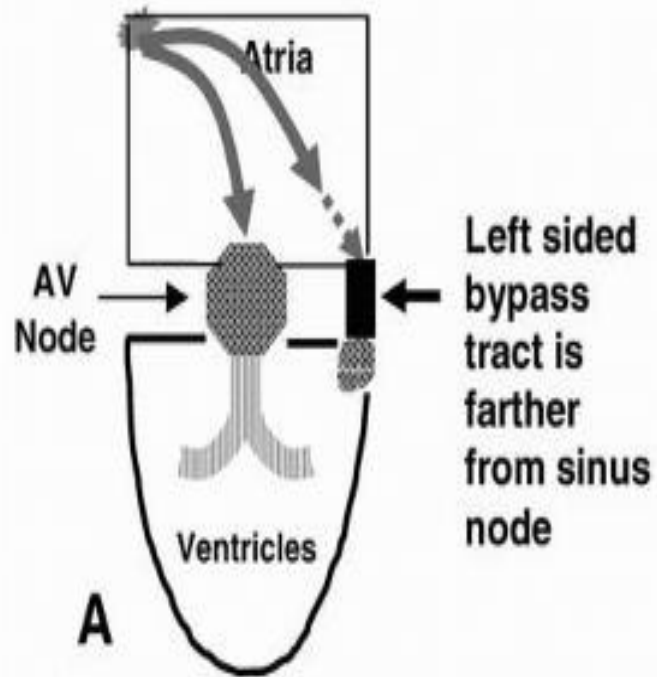
# ΣΥΝΔΡΟΜΟ WPW



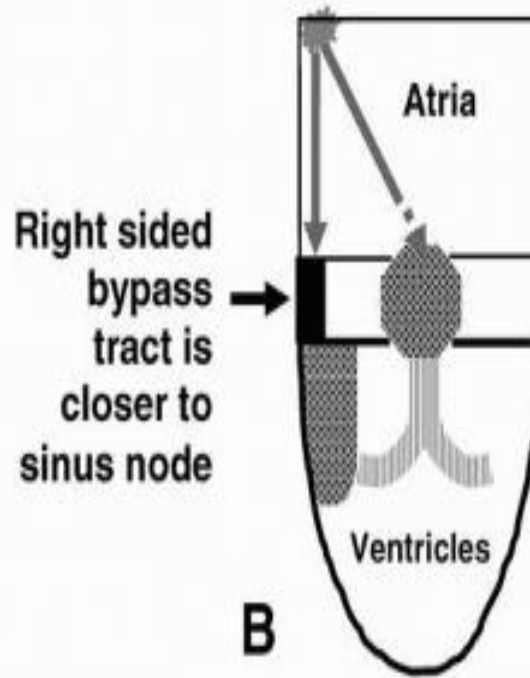
- ΒΡΑΧΥ P-R (<0,12SEC)
- ΠΑΡΑΤΕΤΑΜΕΝΟ ΣΥΜΠΛΕΓΜΑ QRS (>0,12 SEC), ΚΟΜΒΩΣΗ ΣΤΟ ΑΝΙΟΝ ΣΚΕΛΟΣ ΤΟΥ QRS ( ΚΥΜΑ ΔΕΛΤΑ).
- ΔΕΥΤΕΡΟΠΑΘΕΙΣ ΜΕΤΑΒΟΛΕΣ ΤΟΥ ST-T



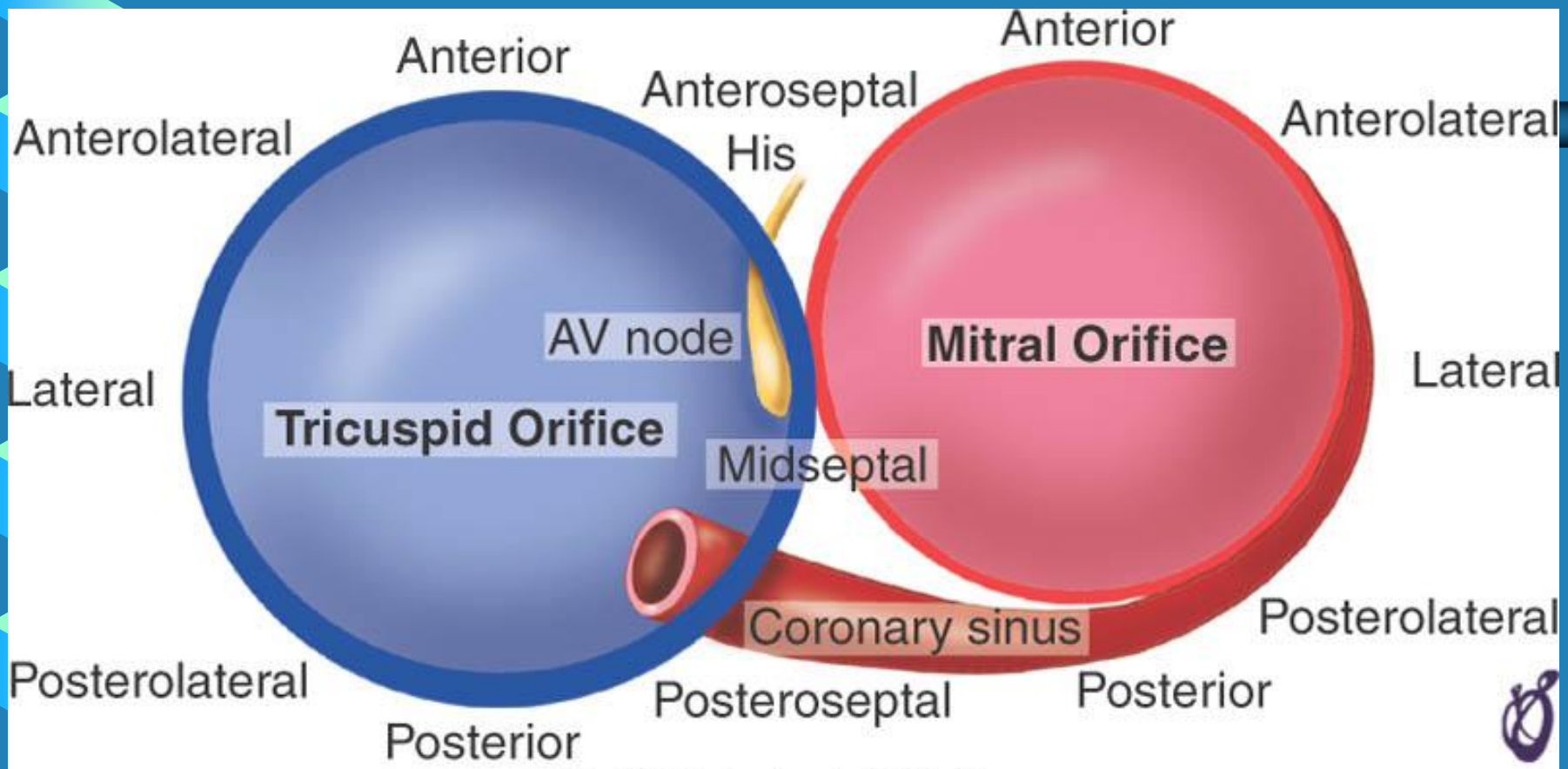




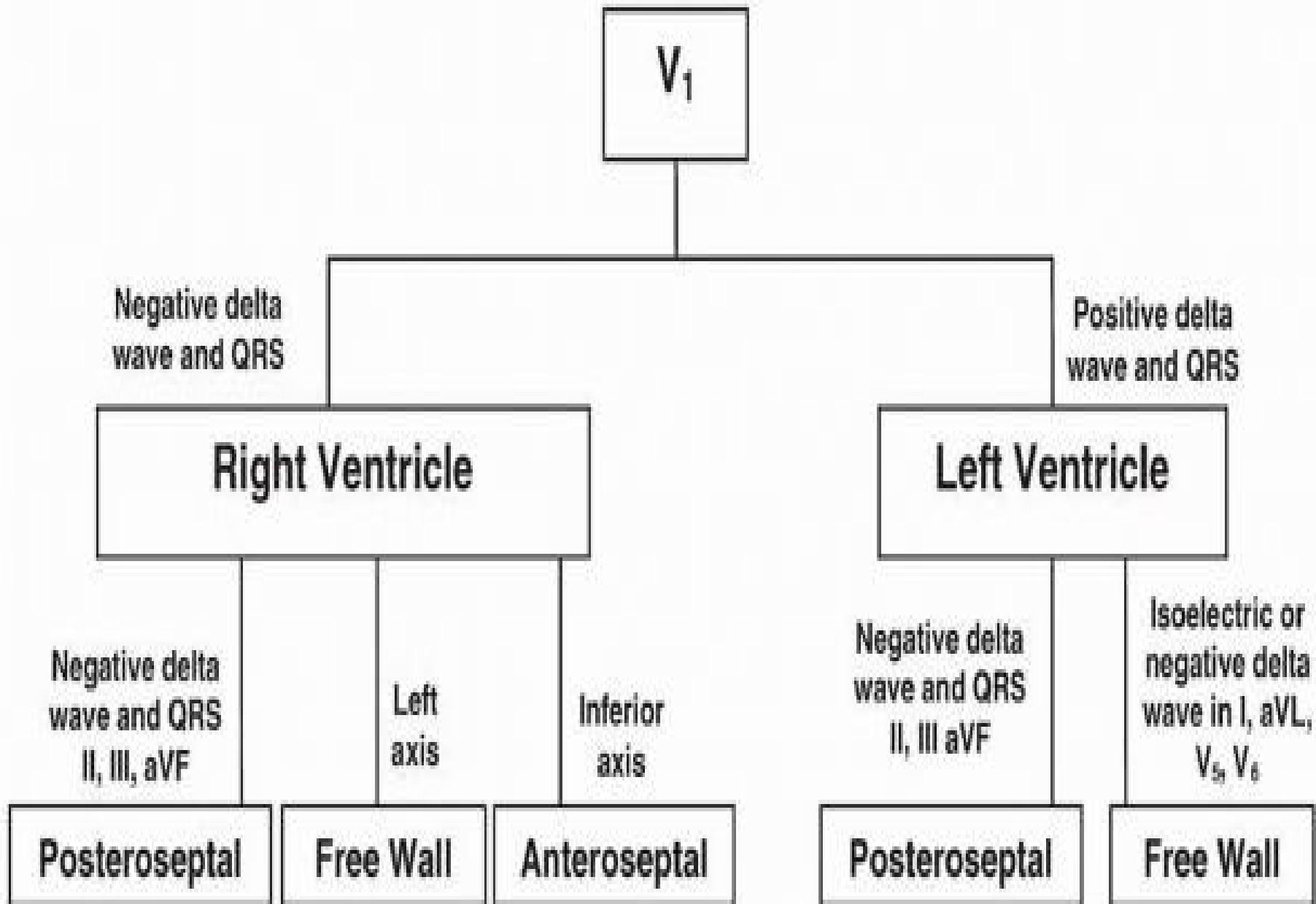
The delta wave is barely recognizable (arrows)



The delta wave is very prominent (arrows)



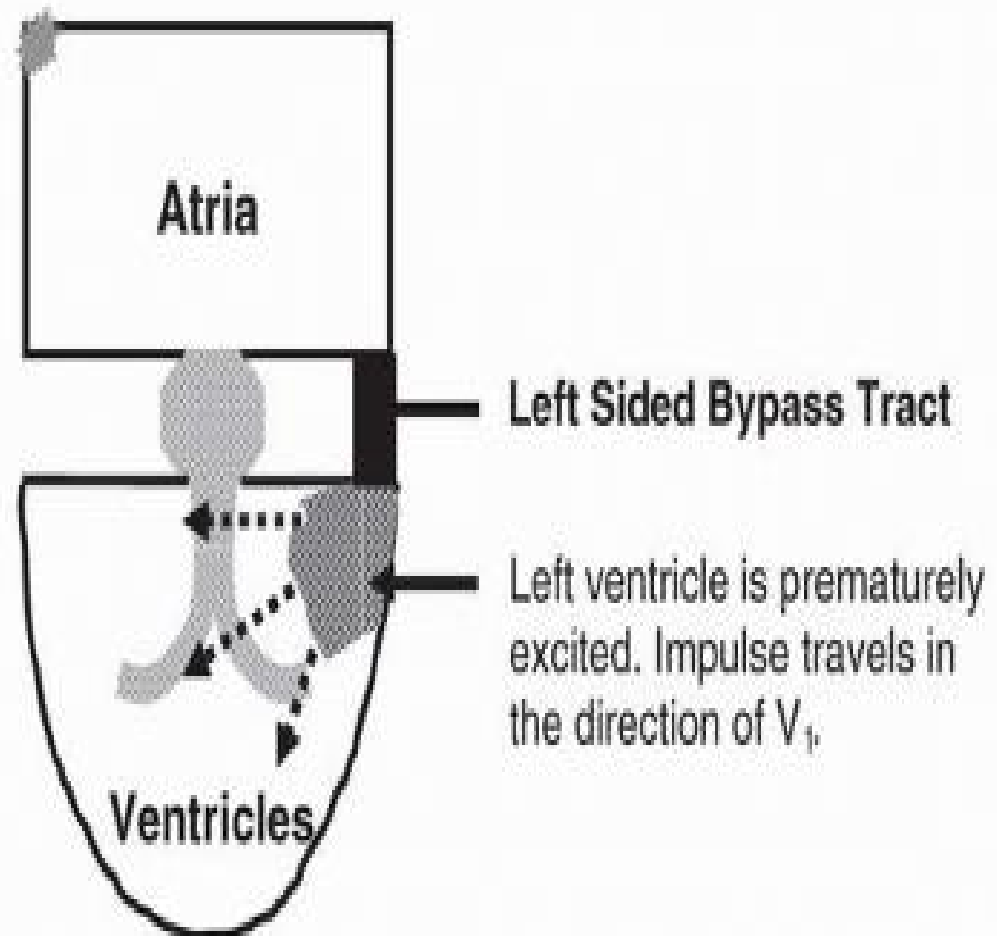
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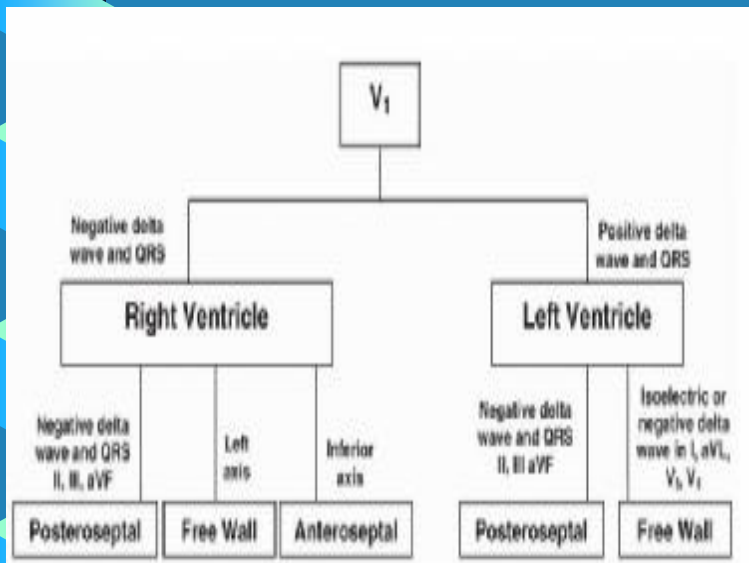




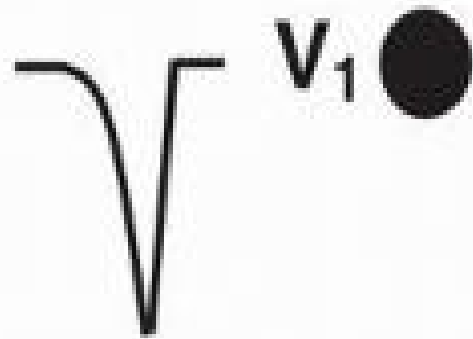
# ΤΥΠΟΣ Α

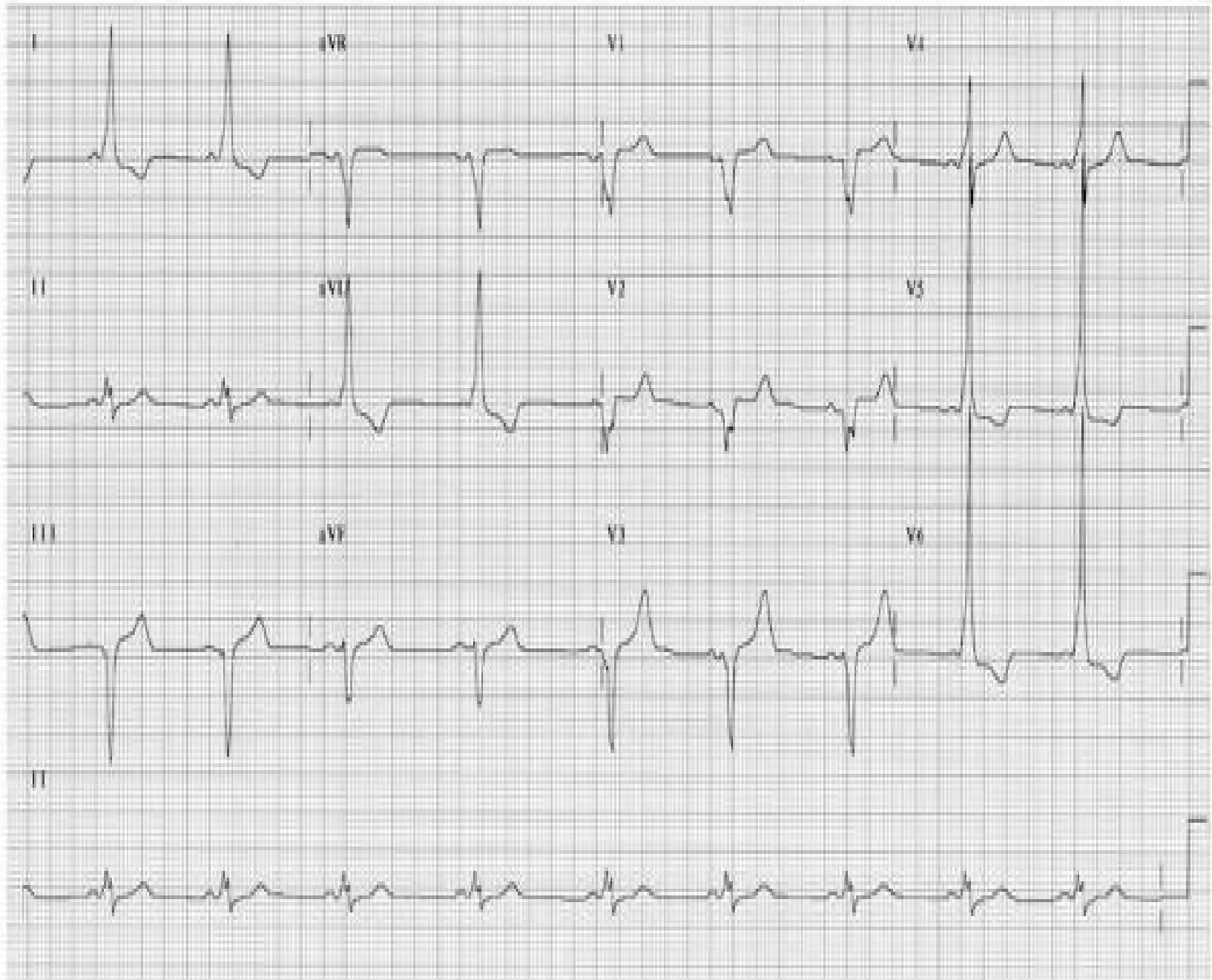
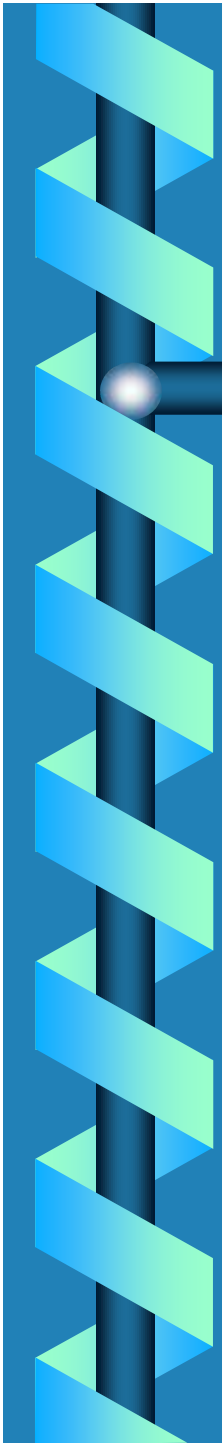
$V_1$  is located at the 4<sup>th</sup> intercostal space at the right of the sternum

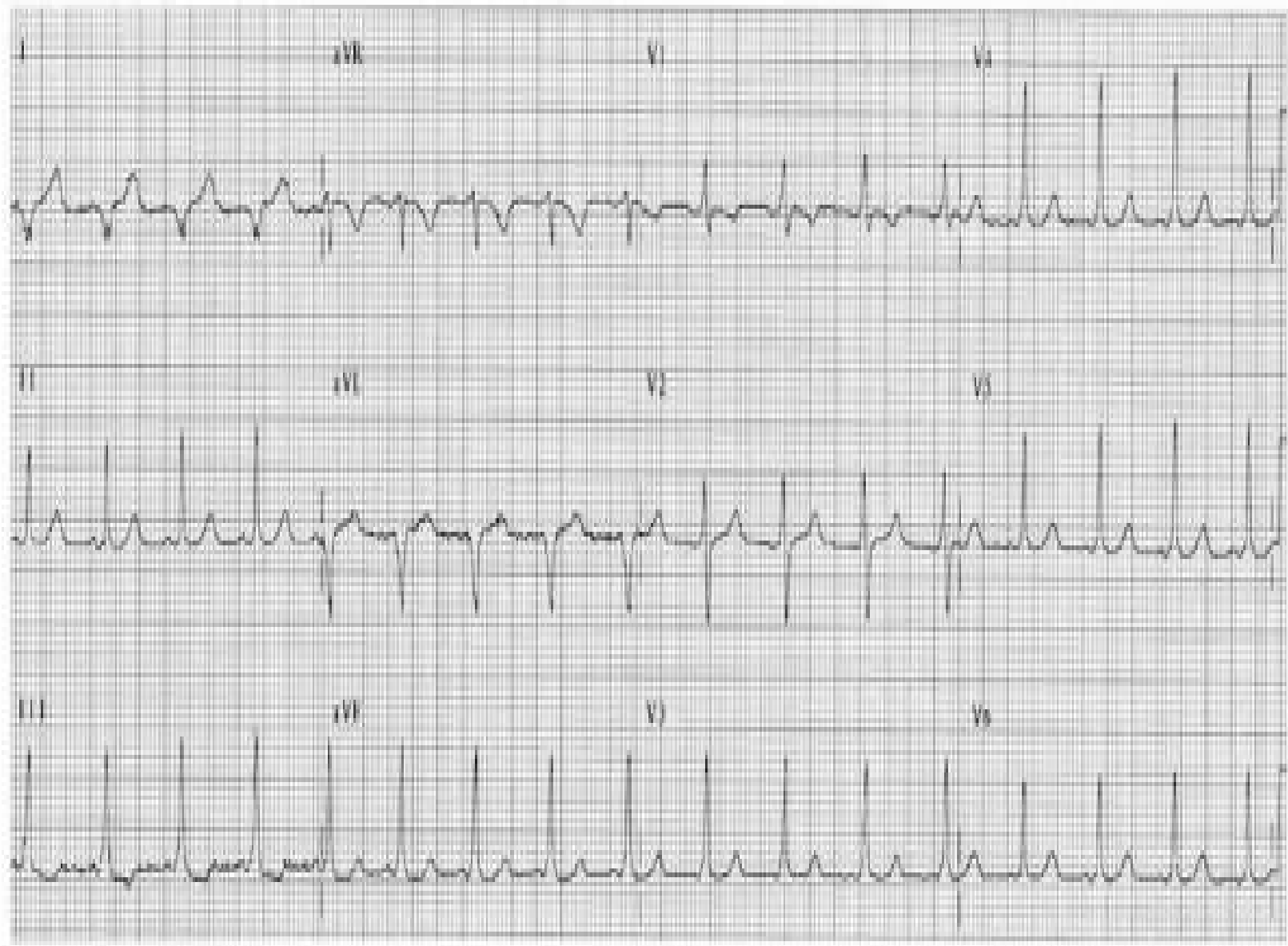


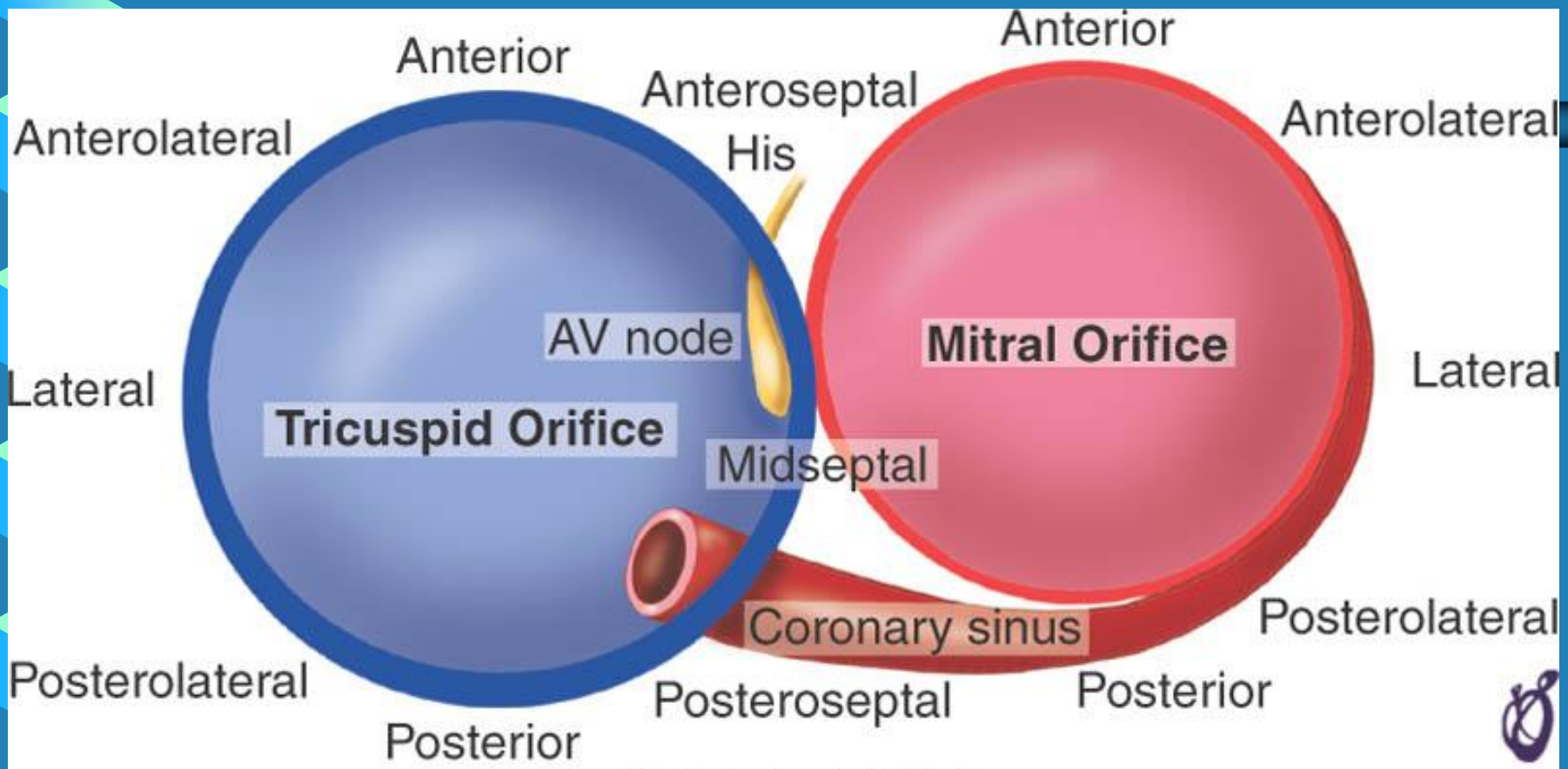


# ΤΥΠΟΣ Β

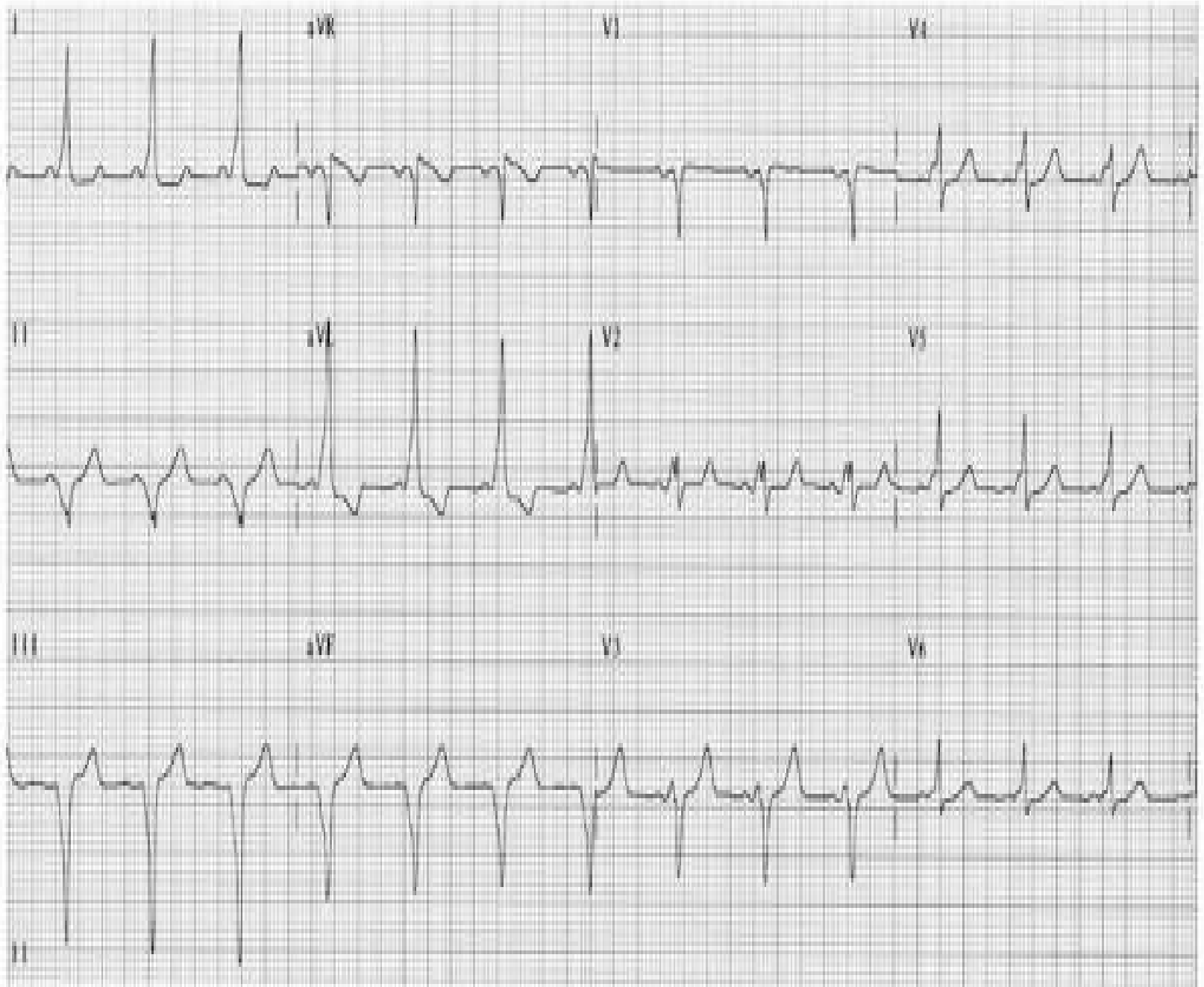
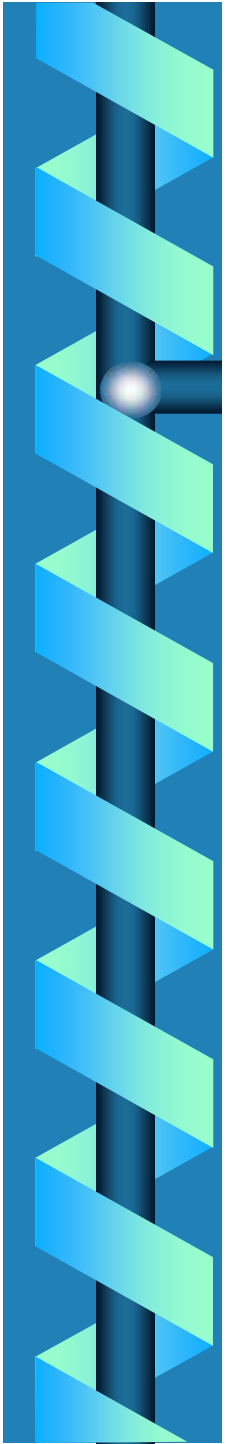


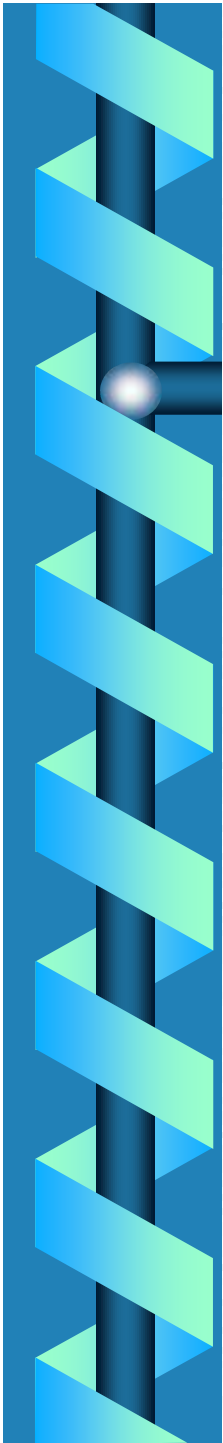




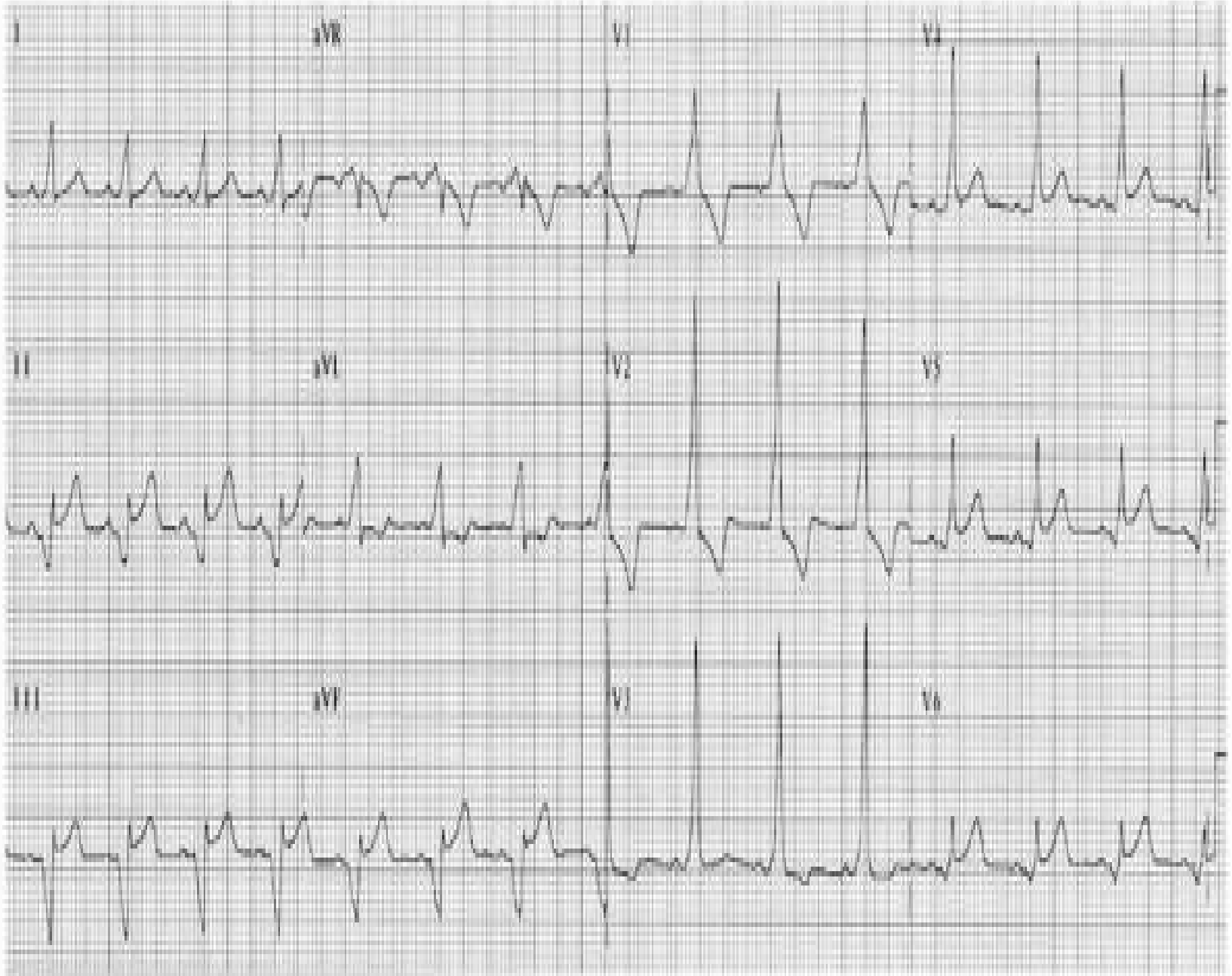
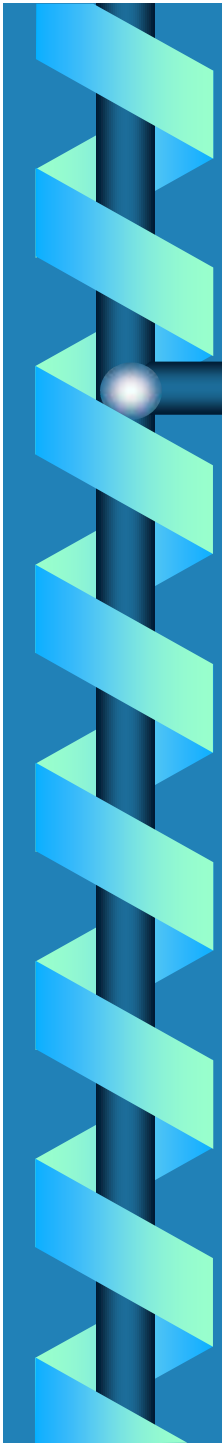


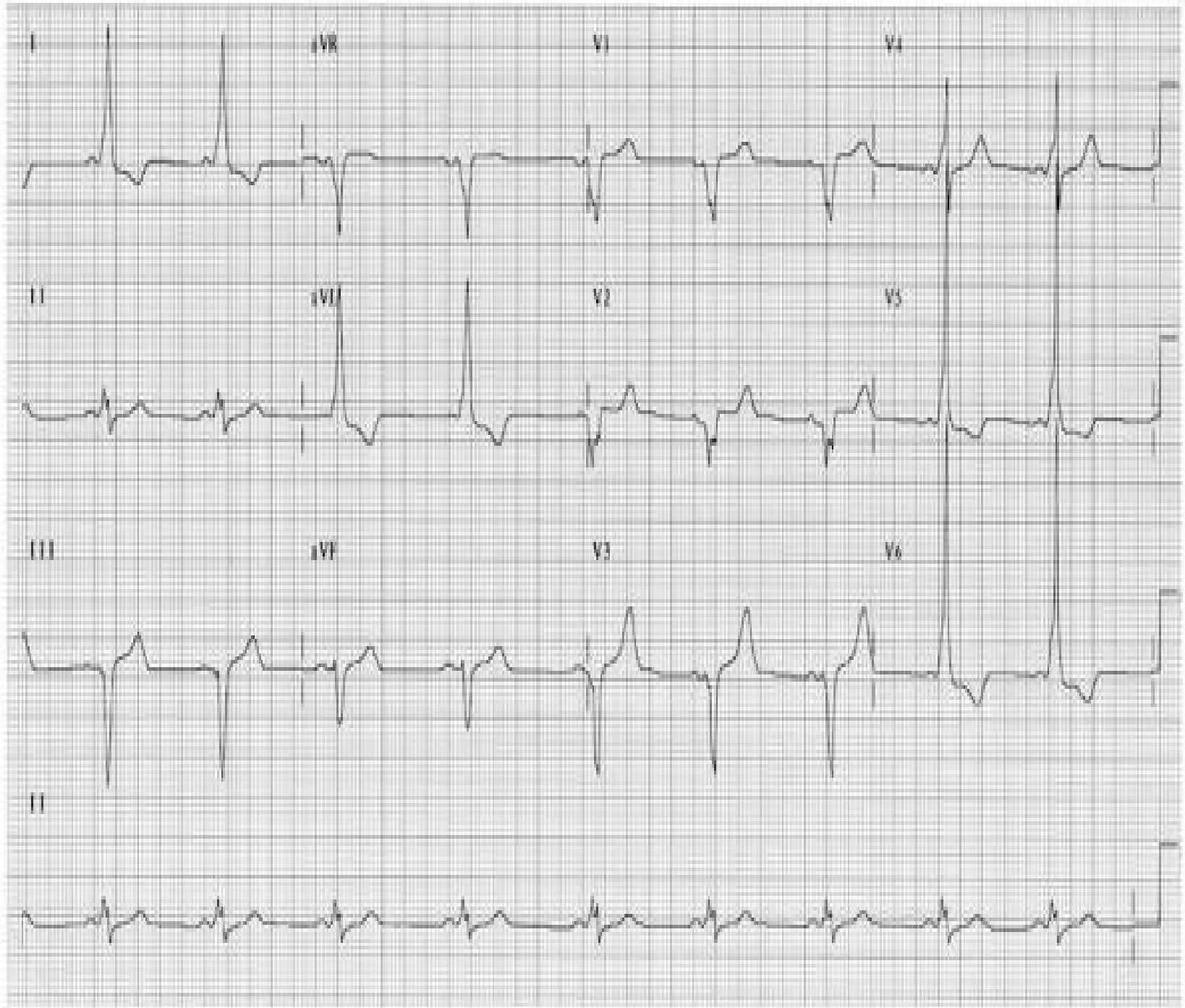
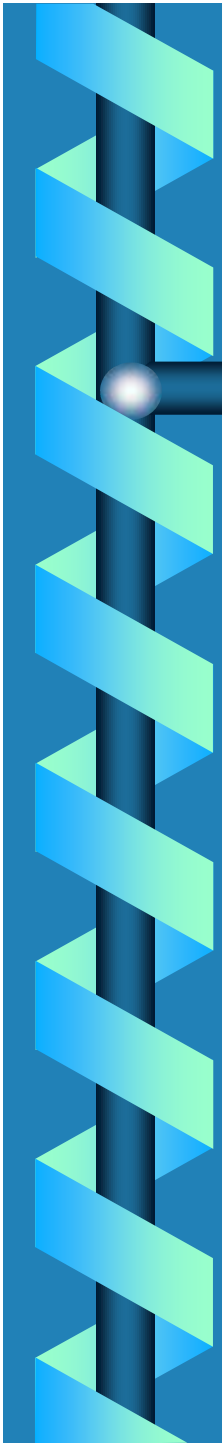
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# ΣΥΜΠΤΩΜΑΤΟΛΟΓΙΑ

- ΑΙΣΘΗΜΑ ΠΑΛΜΩΝ
- ΖΑΛΗ
- ΛΙΠΟΘΥΜΙΚΑ Η ΣΥΓΚΟΠΤΙΚΑ ΕΠΕΙΣΟΔΙΑ
- ΠΟΛΥΟΥΡΙΑ
- ΕΥΚΟΛΗ ΚΟΠΩΣΗ, ΔΥΣΠΝΟΙΑ.
- ΟΠΙΣΘΟΣΤΕΡΝΙΚΟ ΑΛΓΟΣ.
- ΚΑΚΗ ΔΙΑΤΡΟΦΗ

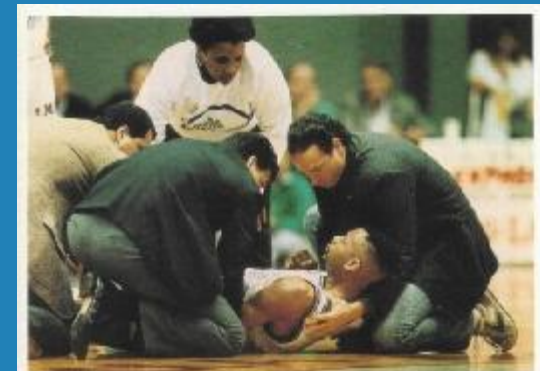
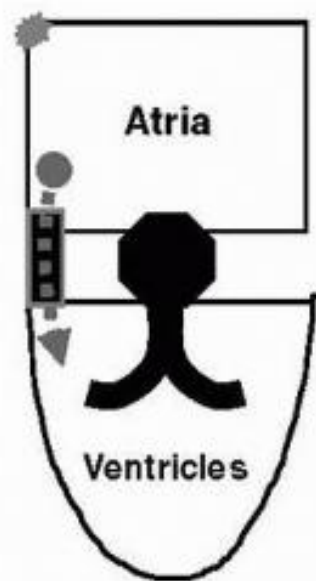
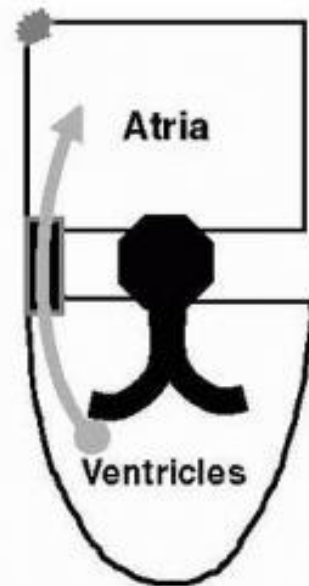


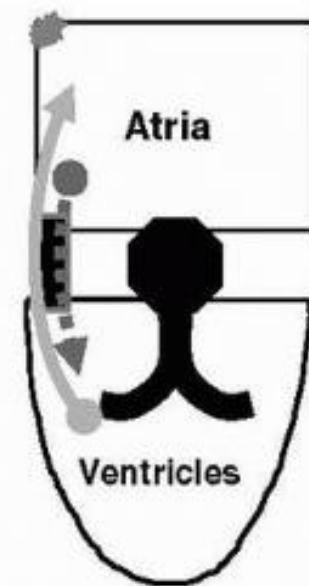
FIG. 1. Hank Gathers being attended to during his final NBA syncope episode resulting from ventricular fibrillation. Cardiopulmonary resuscitation attempts were unsuccessful. Los Angeles, March 6, 1990. [From The Los Angeles Times, Los Angeles, CA 1990, by permission.]



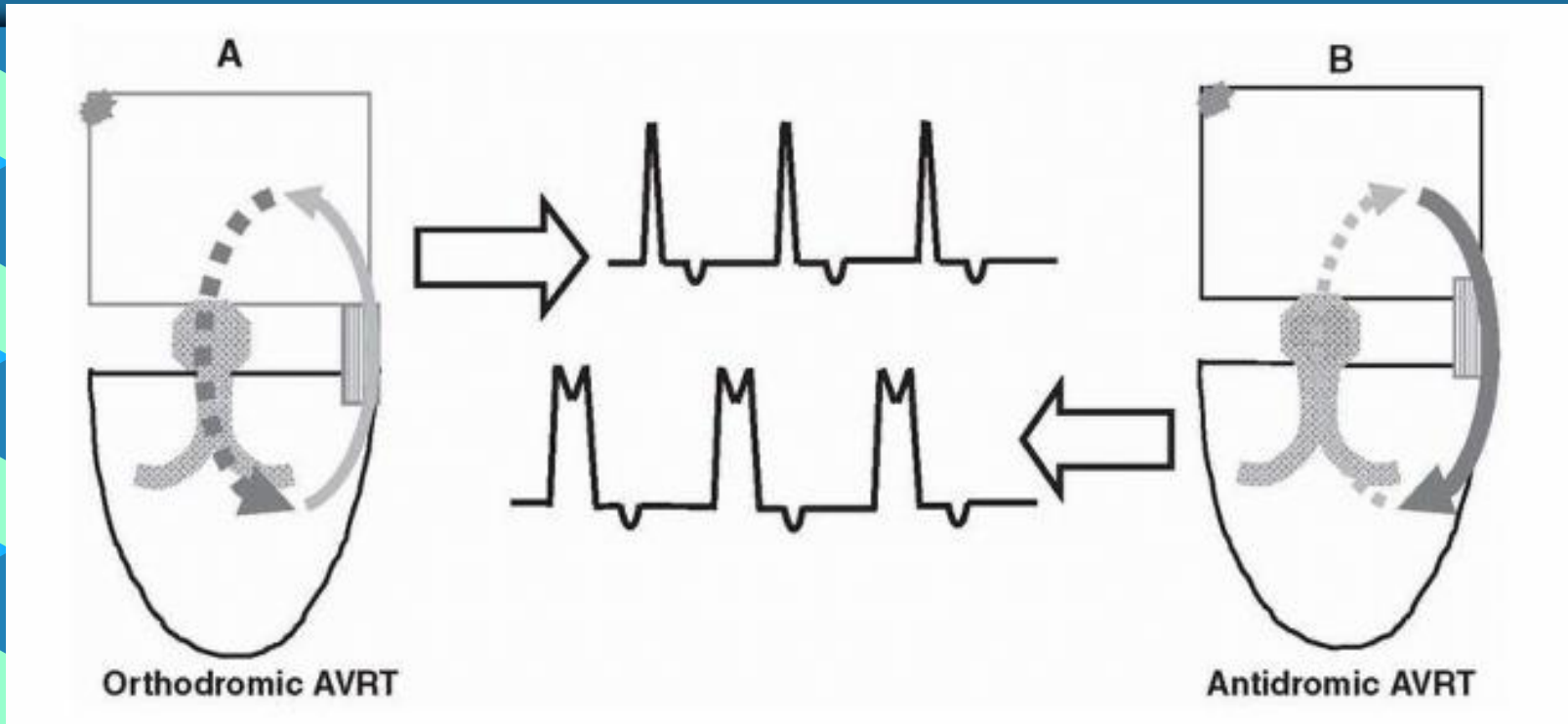
**A**  
**Anterograde  
conduction only**

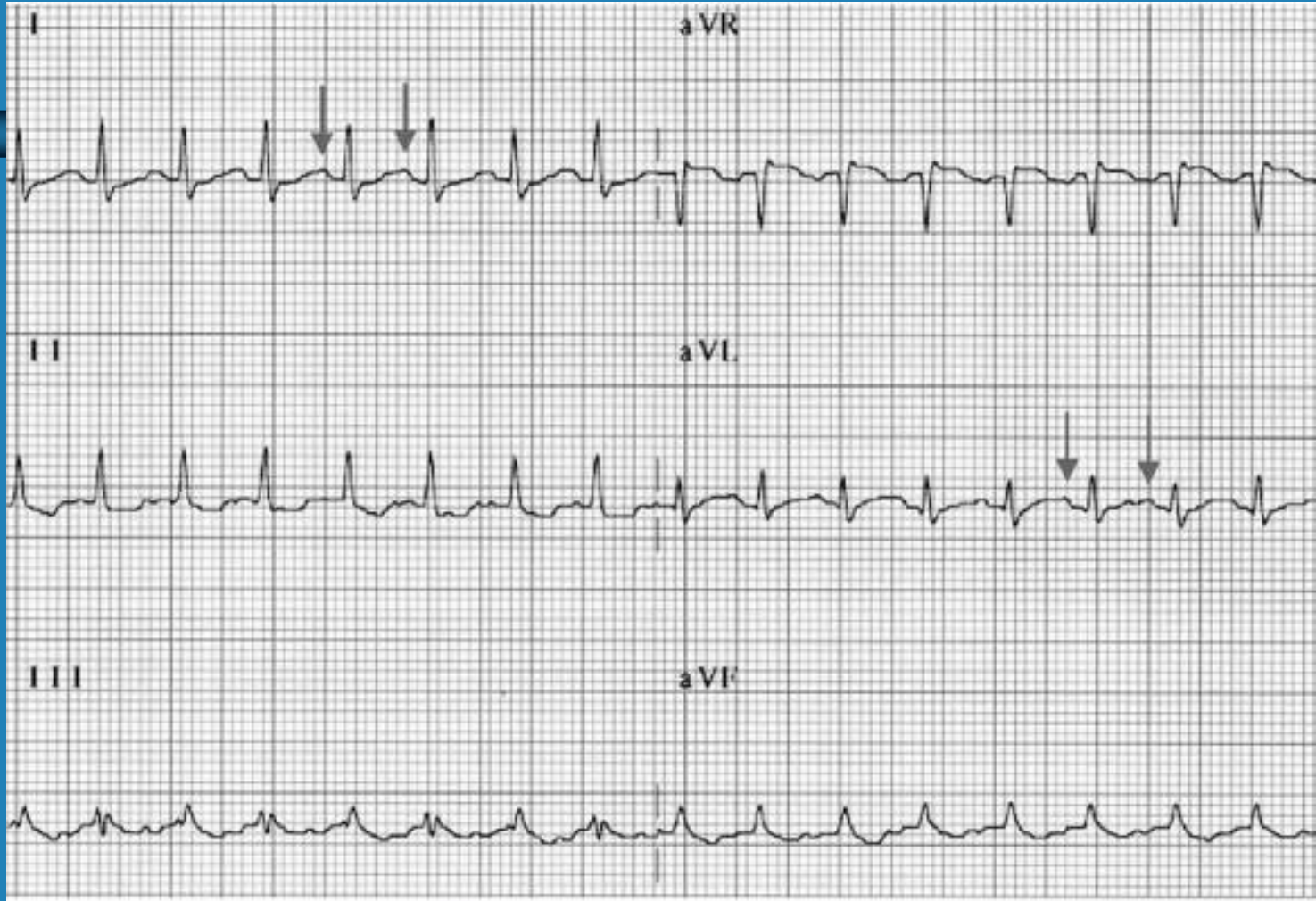


**B**  
**Retrograde  
conduction only**

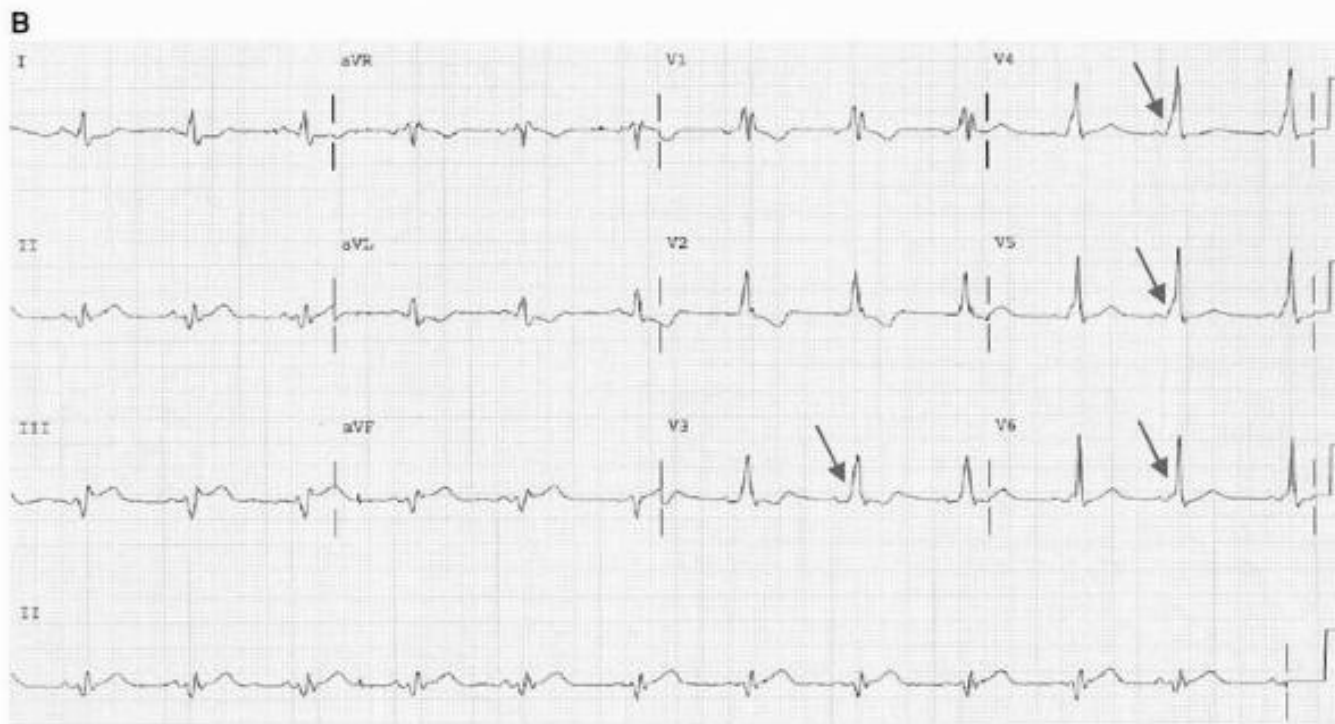
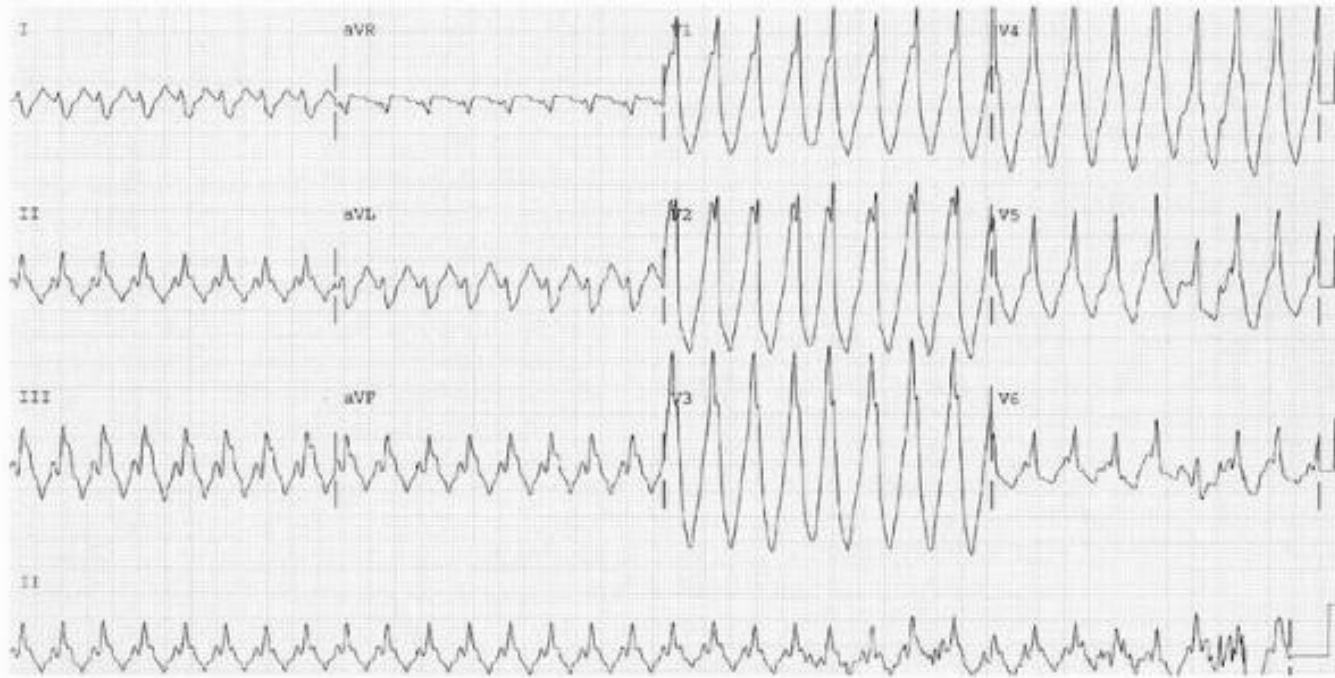
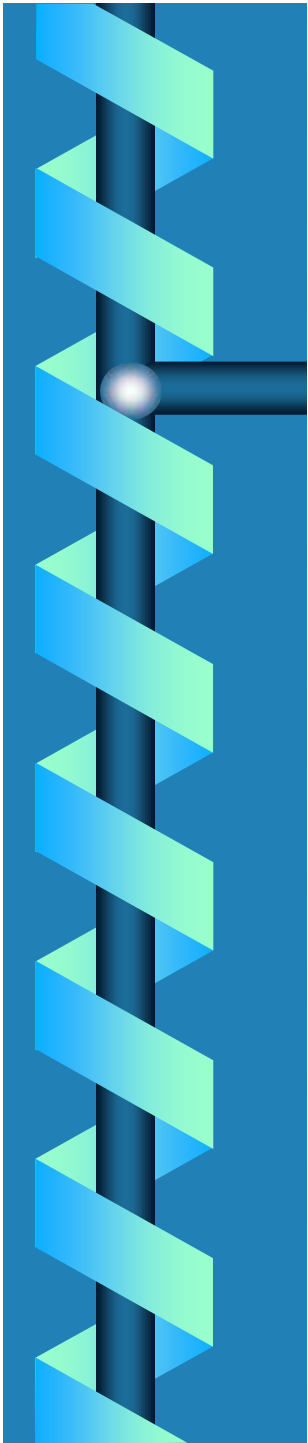


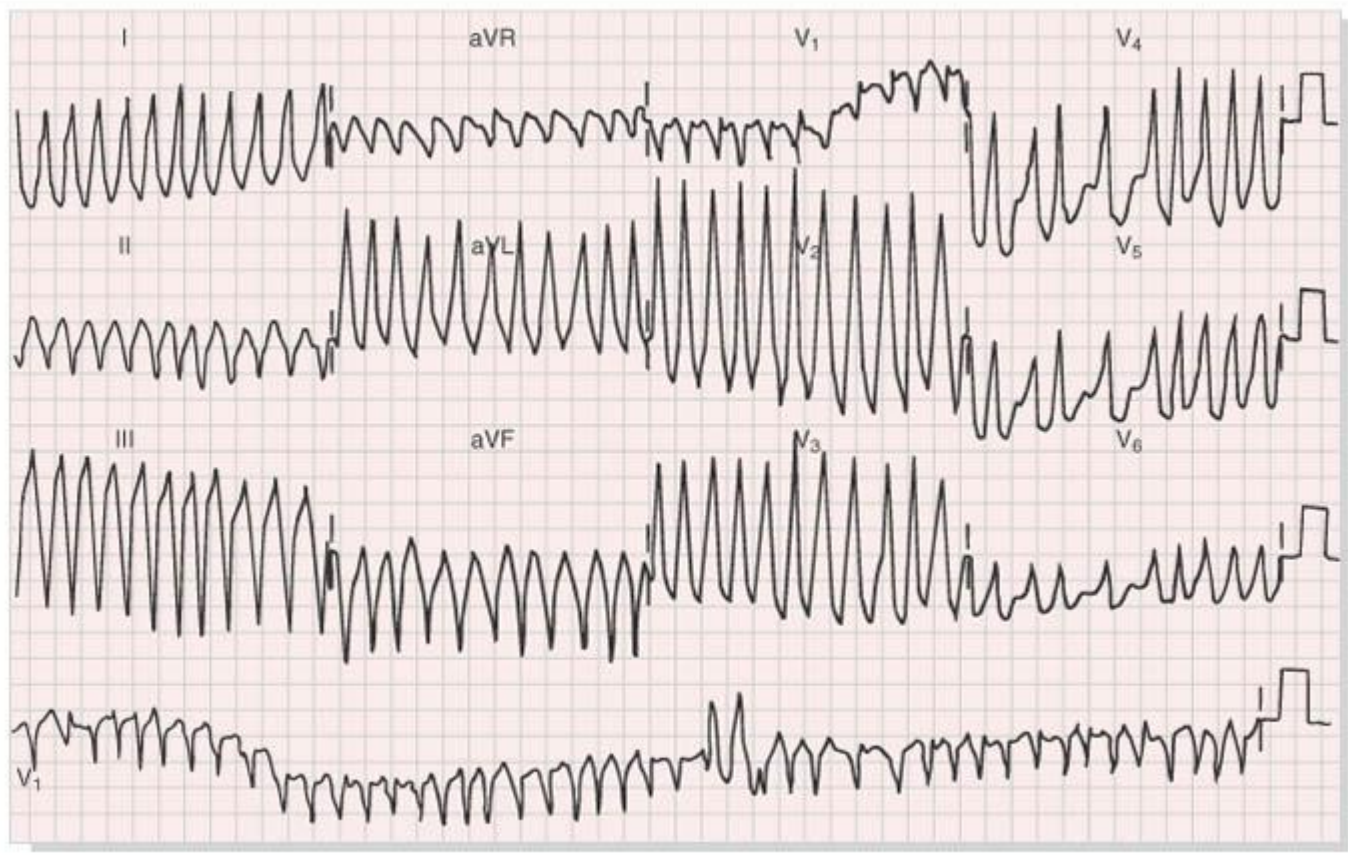
**C**  
**Both anterograde  
and retrograde  
conduction**







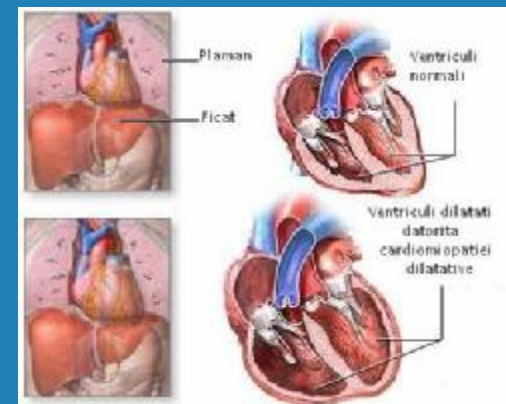
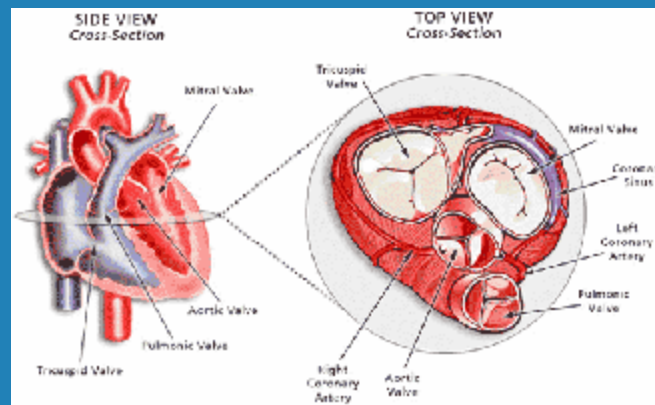
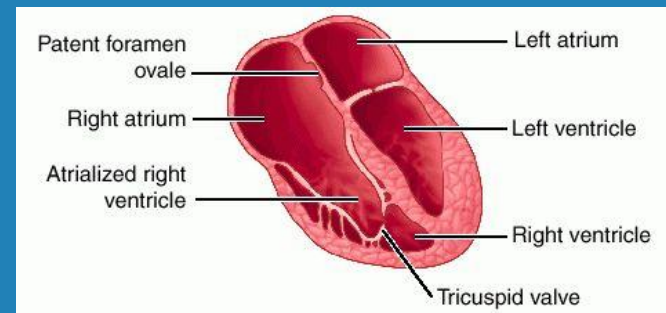




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- **ΑΝΩΜΑΛΙΑ ΕΒΣΤΕΙΝ**
- **ΠΡΟΠΤΩΣΗ ΜΙΤΡΟΕΙΔΟΥΣ**
- **ΜΥΟΚΑΡΔΙΟΠΑΘΕΙΕΣ.**



- 80%- **ΥΠΕΡΚΟΙΛΙΑΚΗ ΤΑΧΥΚΑΡΔΙΑ**
- 15%-30%-**ΚΟΛΠΙΚΗ ΜΑΡΜΑΡΥΓΗ**
- 5%-**ΚΟΛΠΙΚΟ ΠΤΕΡΥΓΙΣΜΟ**
- **ΣΠΑΝΙΑ-ΚΟΙΛΙΑΚΗ ΤΑΧΥΚΑΡΔΙΑ**



# ΘΕΡΑΠΕΙΑ

- ΟΙ ΑΣΘΕΝΗΣ ΠΟΥ ΕΧΟΥΝ ΜΟΝΟ ΤΗΝ ΗΚΓΓΡΑΦΙΚΗ ΑΜΩΜΑΛΙΑ, ΧΩΡΙΣ ΤΑΧΥΑΡΡΥΘΜΙΕΣ- ΜΟΝΟ ΠΑΡΑΚΟΛΟΥΘΗΣΗ.
- ΕΝΑΡΞΗ ΘΕΡΑΠΕΙΑΣ ΣΤΟΥΣ ΑΣΘΕΝΗΣ ΜΕ ΣΥΧΝΑ ΕΠΕΙΣΟΔΙΑ ΣΥΜΠΤΩΜΑΤΙΚΩΝ ΤΑΧΥΑΡΡΥΘΜΙΩΝ.



# ΘΕΡΑΠΕΙΑ

- **ΗΛΕΚΤΡΙΚΗ ΚΑΤΑΛΥΣΗ**
- **ΧΕΙΡΟΥΡΓΙΚΗ ΚΑΤΑΛΥΣΗ**
- **ΦΑΡΜΑΚΕΥΤΙΚΗ**



# High risk patients with WPW syndrome

- Survivors of sudden cardiac death due to ventricular fibrillation in conjunction with ECG evidence of WPW pattern
- Atrial fibrillation with rapid ventricular rates (RR intervals < 250msec)
- Syncope
- Family history of sudden death
- WPW associated with Ebstein's anomaly
- Athletes and high-risk professions (eg pilots)



## Electrophysiological features of high-risk patients with WPW

- Easily inducible AF with RR interval  $< 250$  msec
- Accessory pathway with a short ( $<270$  msec) antegrade refractory period
- Multiple accessory pathways

# ΦΑΡΜΑΚΕΥΤΙΚΗ ΑΓΩΓΗ

ΟΧΙ DIGOXIN





**ΕΥΧΑΡΙΣΤΩ**