

# **RITMUSZAVAROK EKG VIZSGÁLATA II.**

**(PASSZÍV HETEROTOPIÁK ÉS VENTRICULARIS  
RITMUSZAVAROK)**

**DEBRECENI EGYETEM  
ÁLTALÁNOS ORVOSTUDOMÁNYI KAR  
KLINIKAI FIZIOLÓGIAI TANSZÉK**



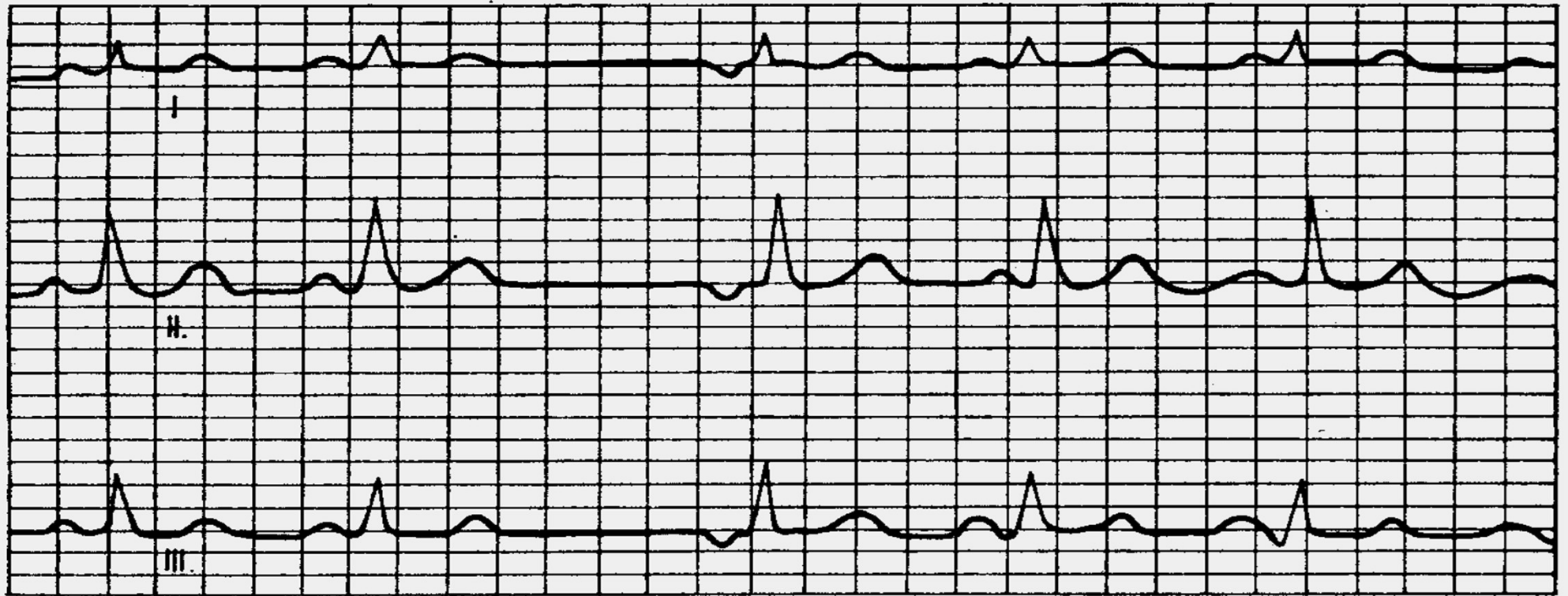
## **Passzív heterotopiák**

- 1. Junctionális pótsystole**
- 2. Junctionalis pótritmus**
- 3. Idioventricularis pótsystole**
- 4. Idioventricularis pótritmus**
- 5. Parasystolia**
- 6. Interferencia-disszociáció**

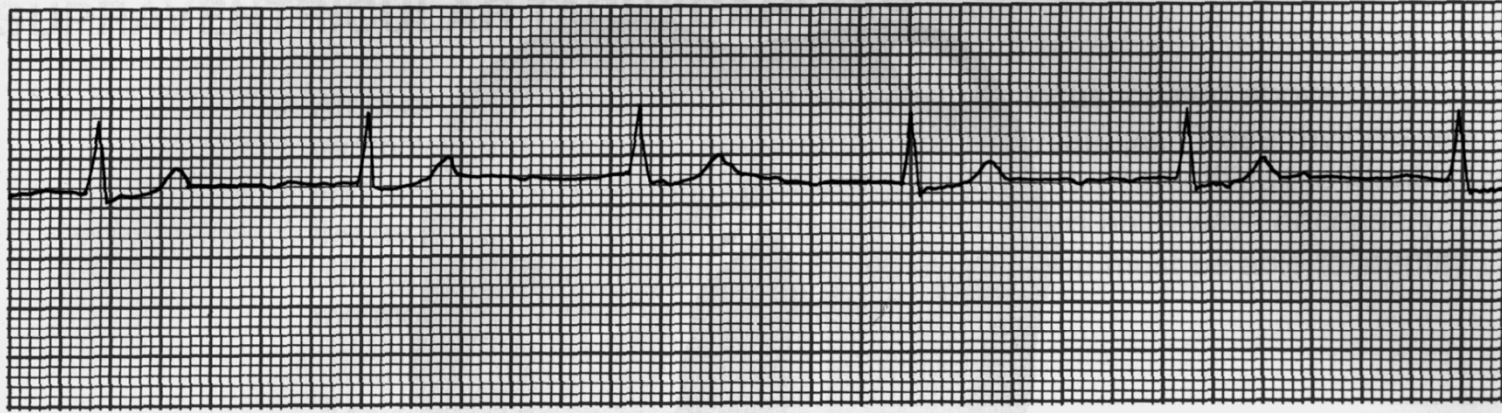
## **Kamrai eredetű aktív heterotopiák**

- 1. Kamrai extrasystole**
- 2. Idioventricularis akceleráció**
- 3. Kamrai tachycardia**
- 4. Kamrai flutter**
- 5. Kamra fibrilláció**

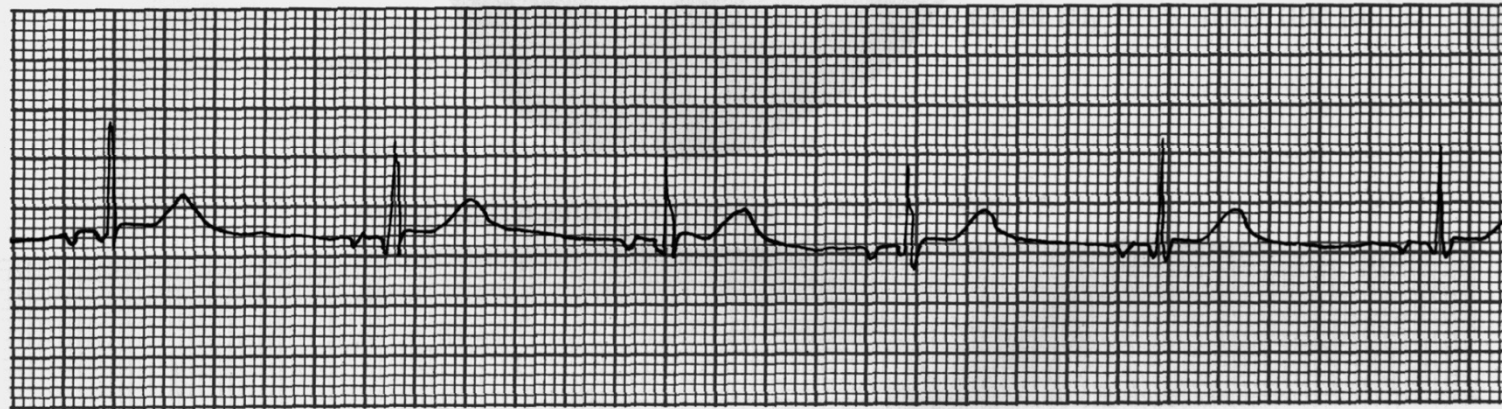
# Junctionalis pótsystole



# Junctionalis pótritmus



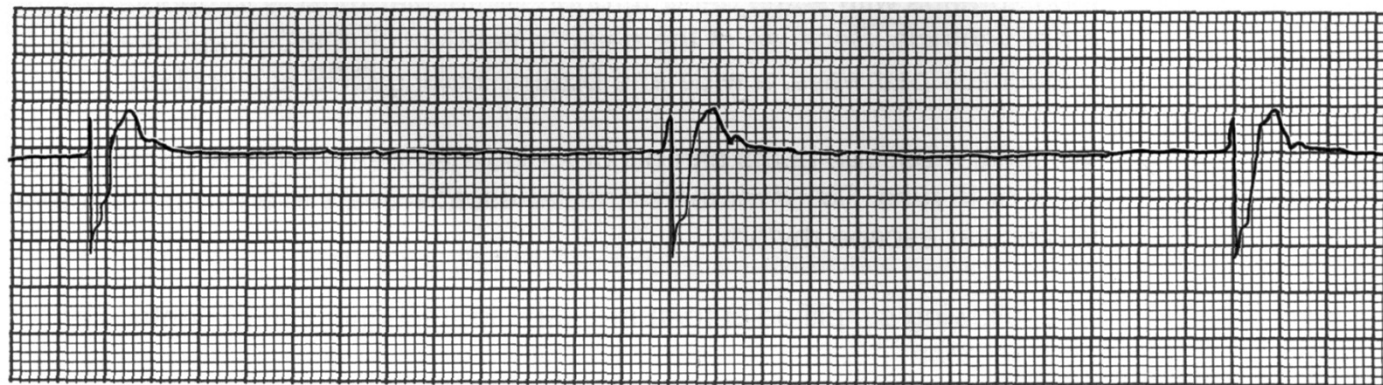
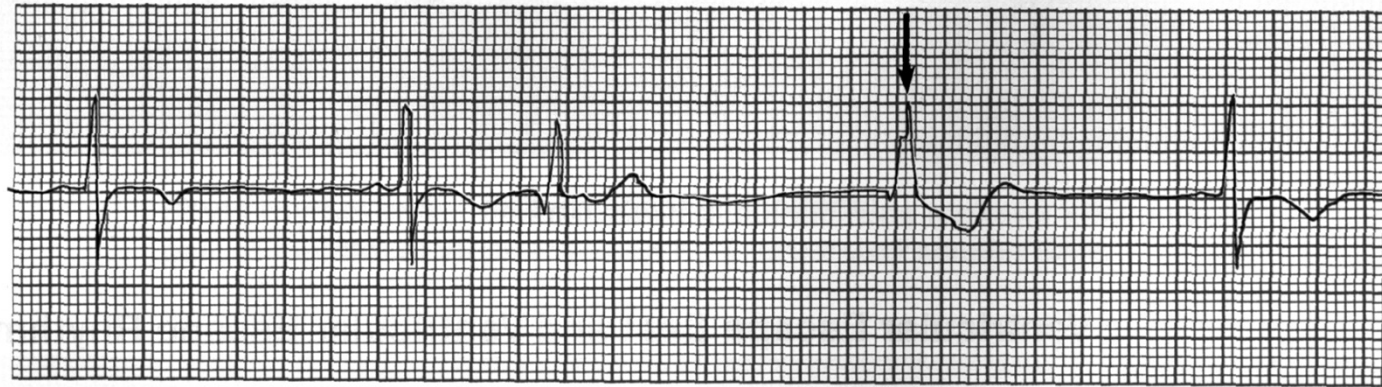
Junctional escape rhythm



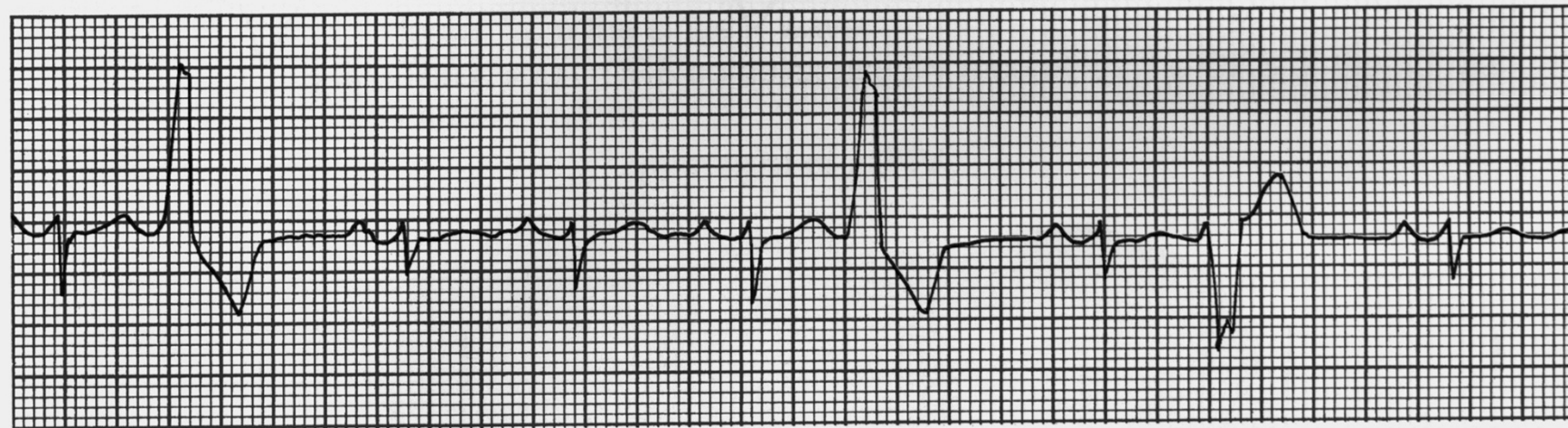
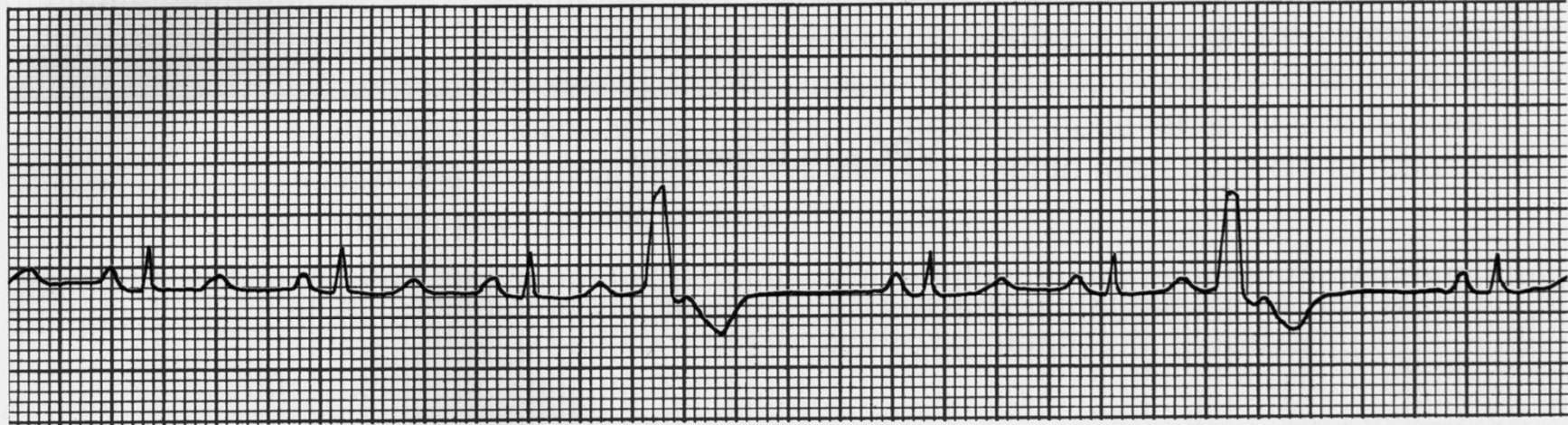
Junctional escape rhythm



# Idioventricularis pótsystole és idioventricularis pótritmus

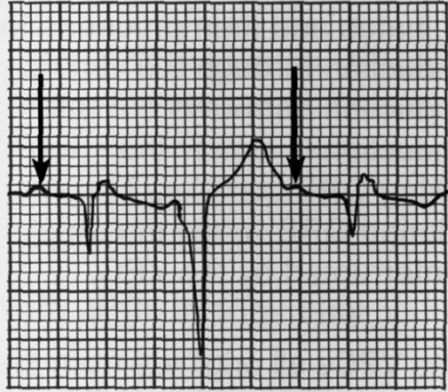


# Kamrai extrasystolék I.

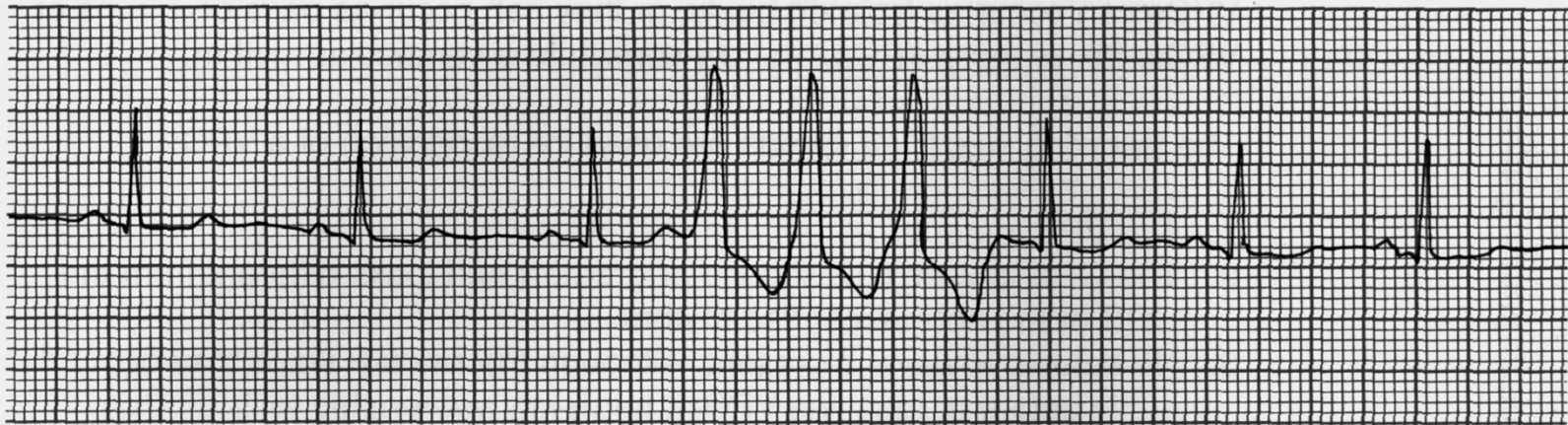
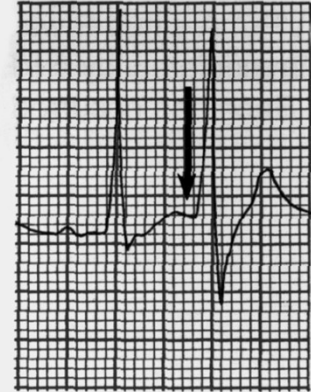


# Kamrai extrasystolék II.

Interpolált VES

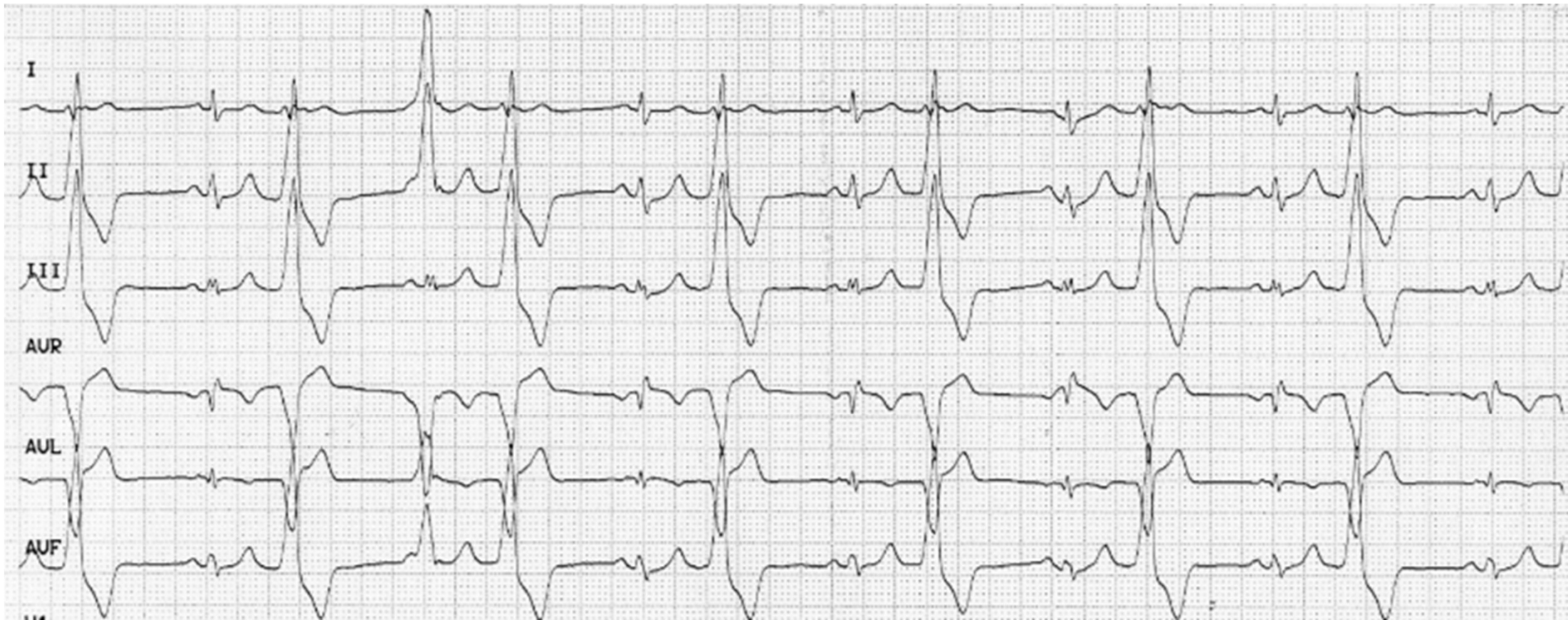


Malignus VES



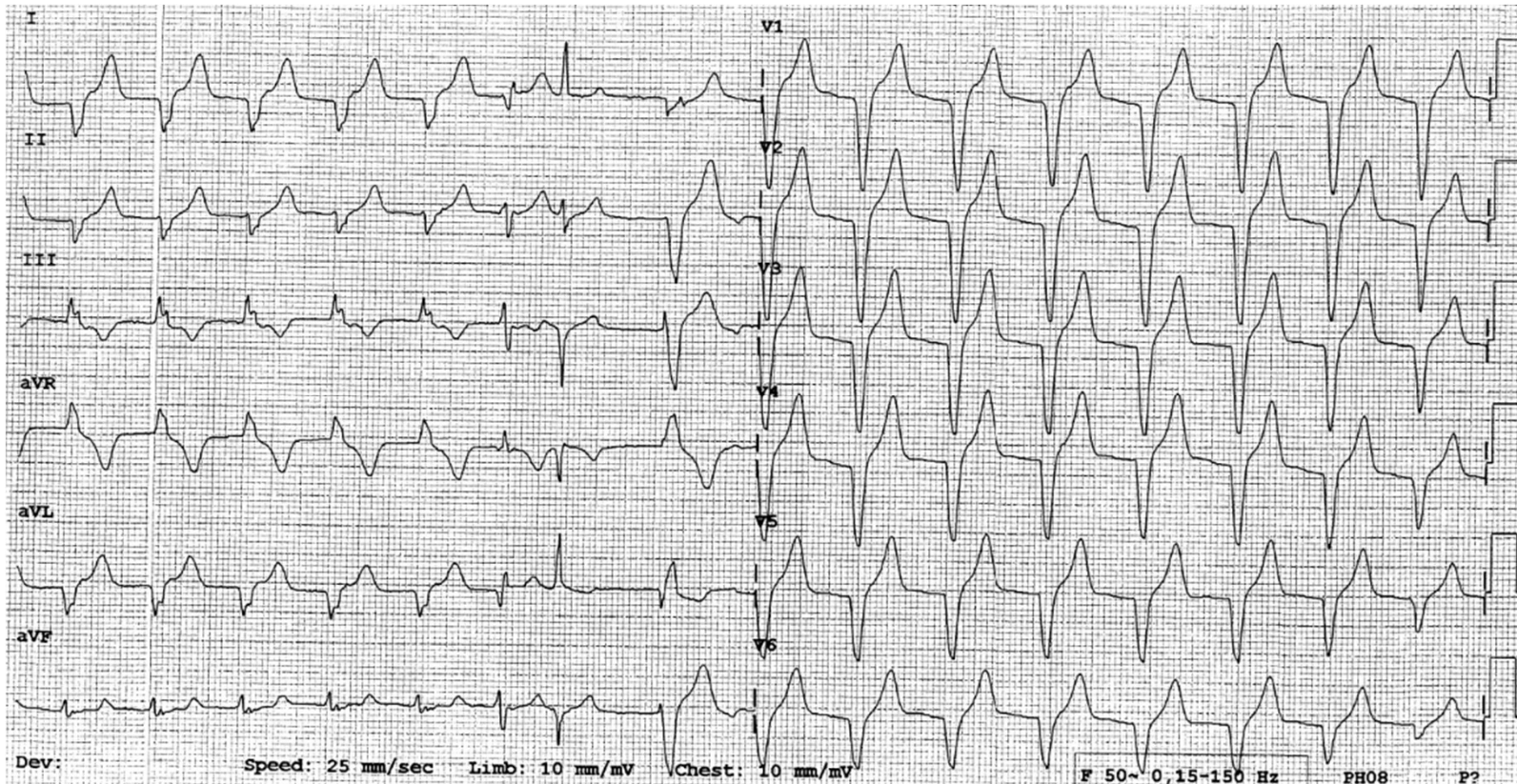
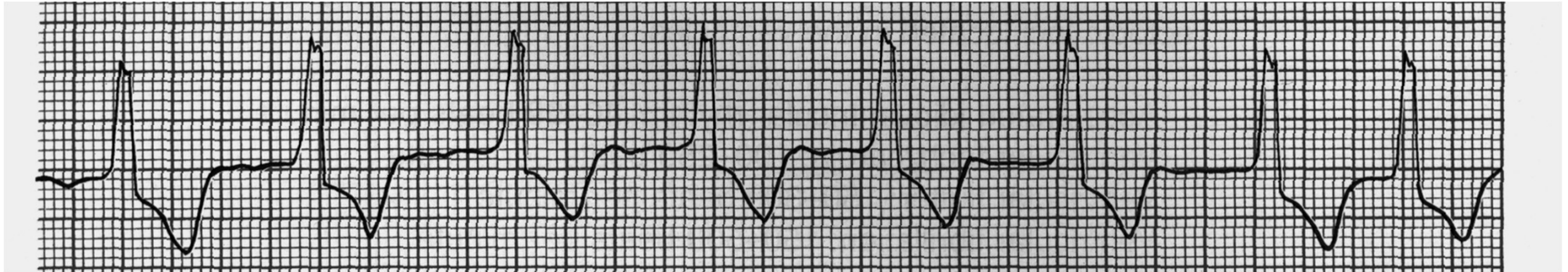
sinus ritmus, 3 unifocalis VES

# Bigemin kamrai extrasystolia

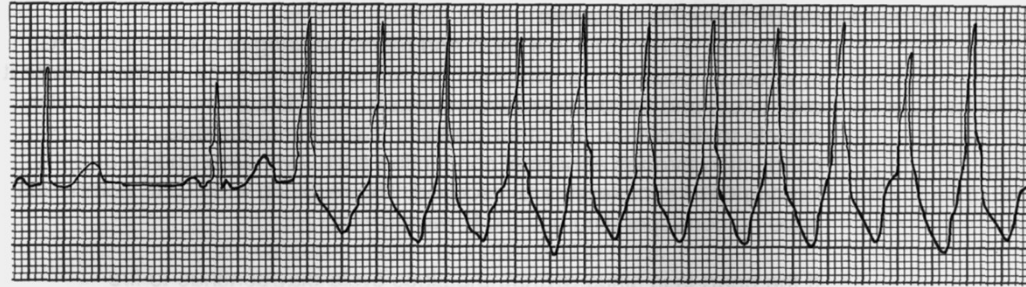




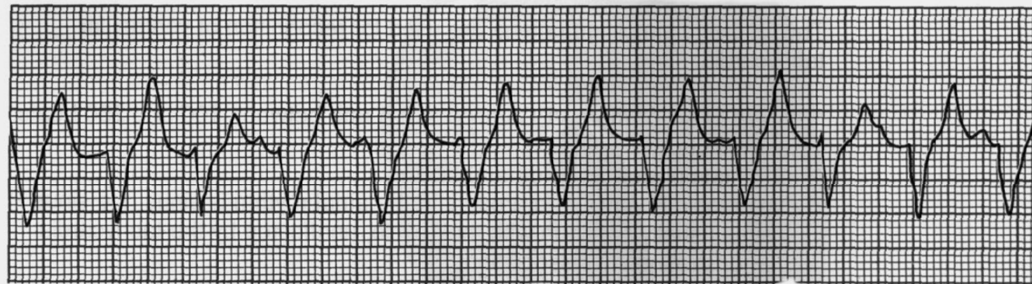
# Idioventricularis akceleráció



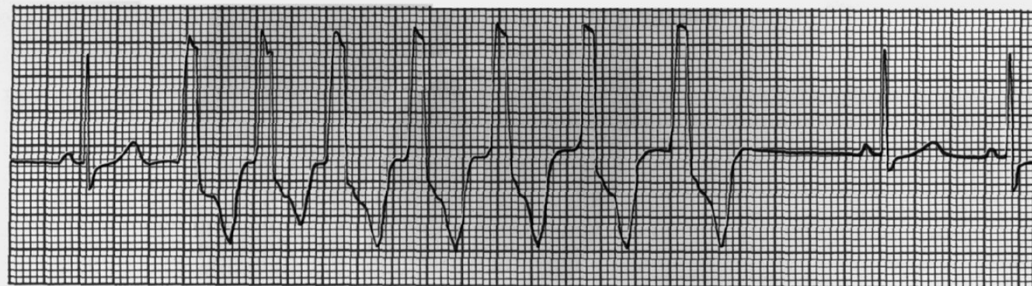
# Kamrai tachycardia



**sinus bradycardia, majd ventricularis tachycardia**

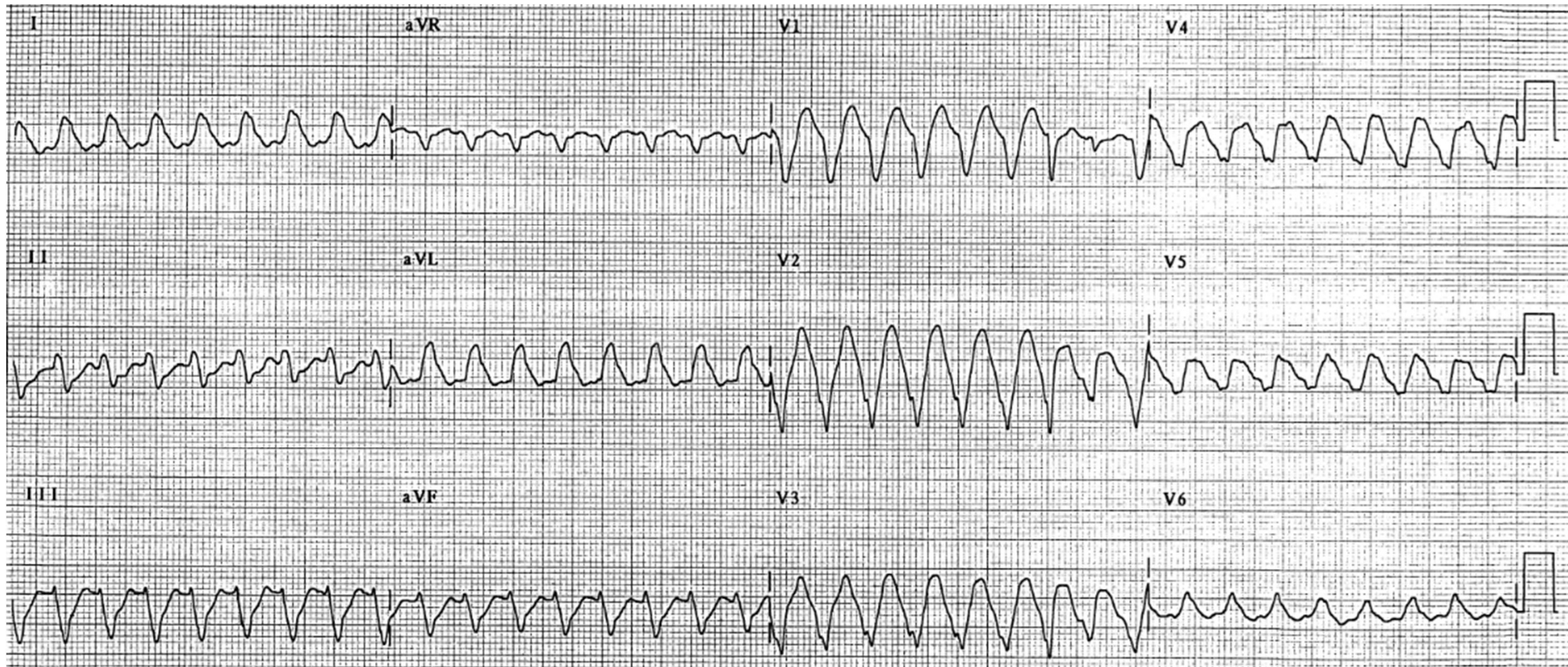


**ventricularis tachycardia és AV-disszociáció**



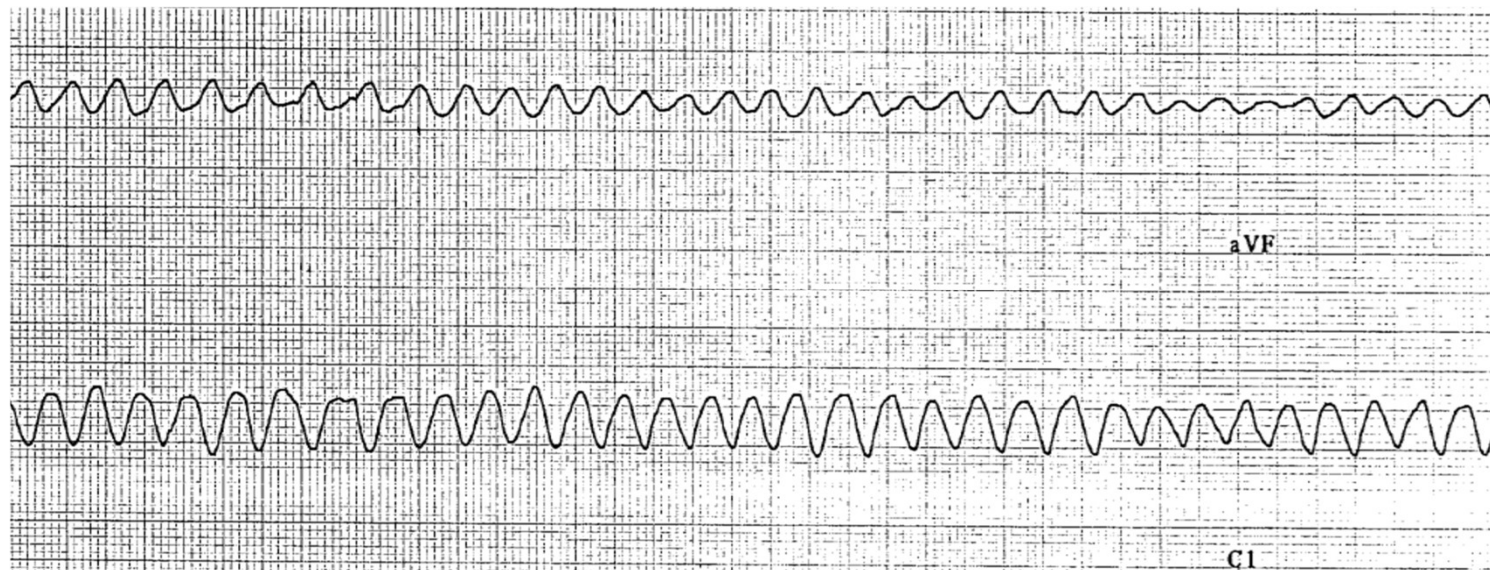
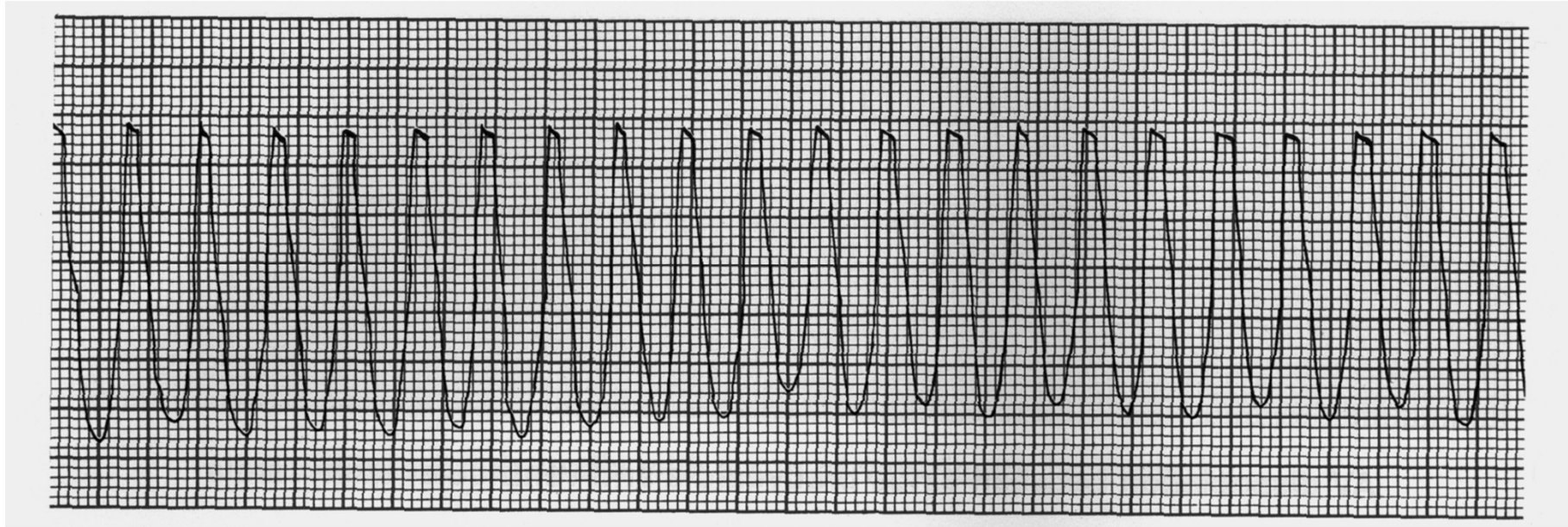
**sinus ritmus, majd rövid ventricularis tachycardia**

# Kamrai tachycardia



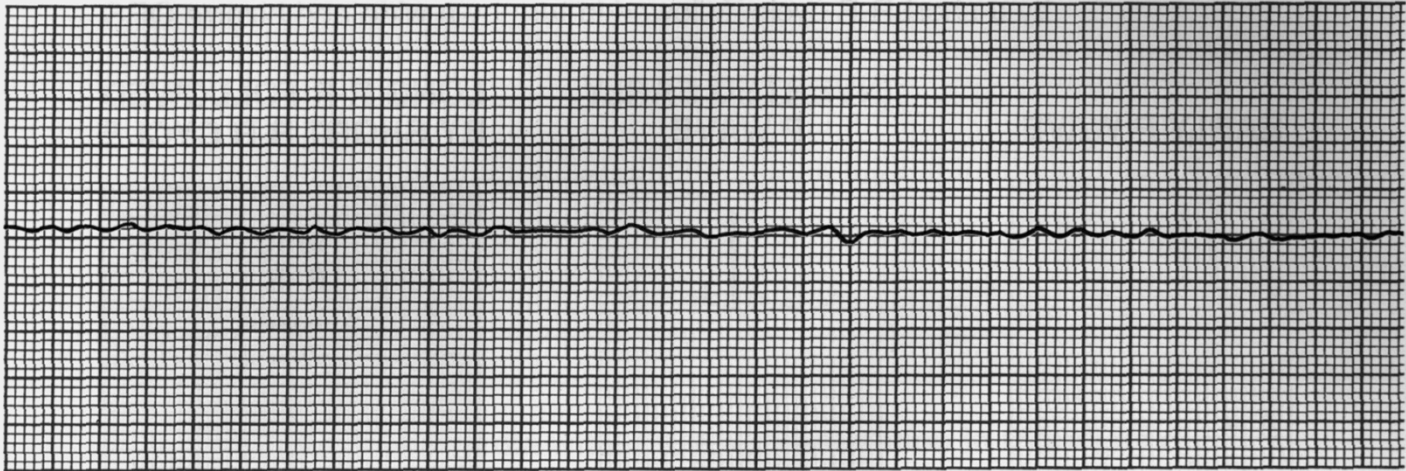
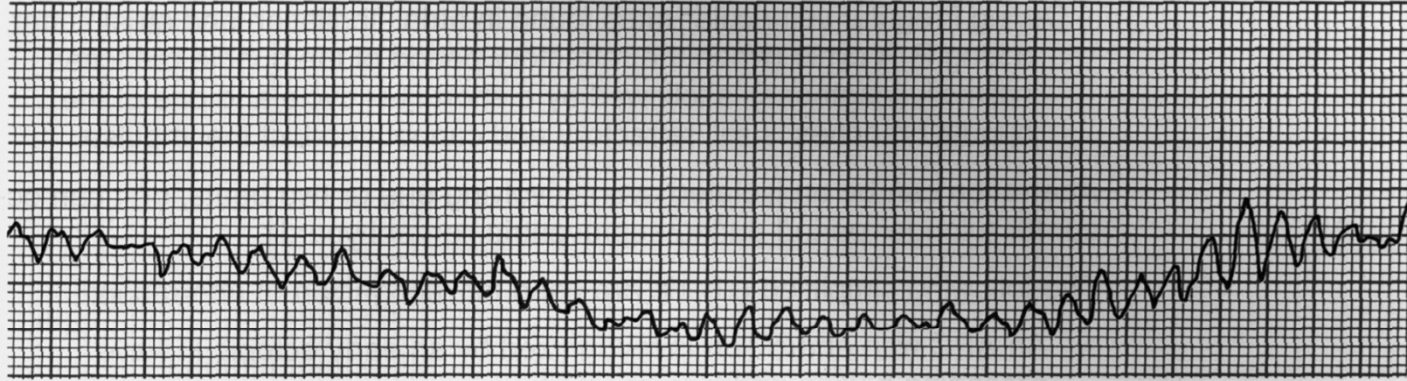


# Kamrai flutter





# Kamrafibrilláció



# Záróvizsga tesztkérdés – BGy-1.12

Az elektromos főtengely frontális síkban vett állása normálisnak tekinthető, kivéve:

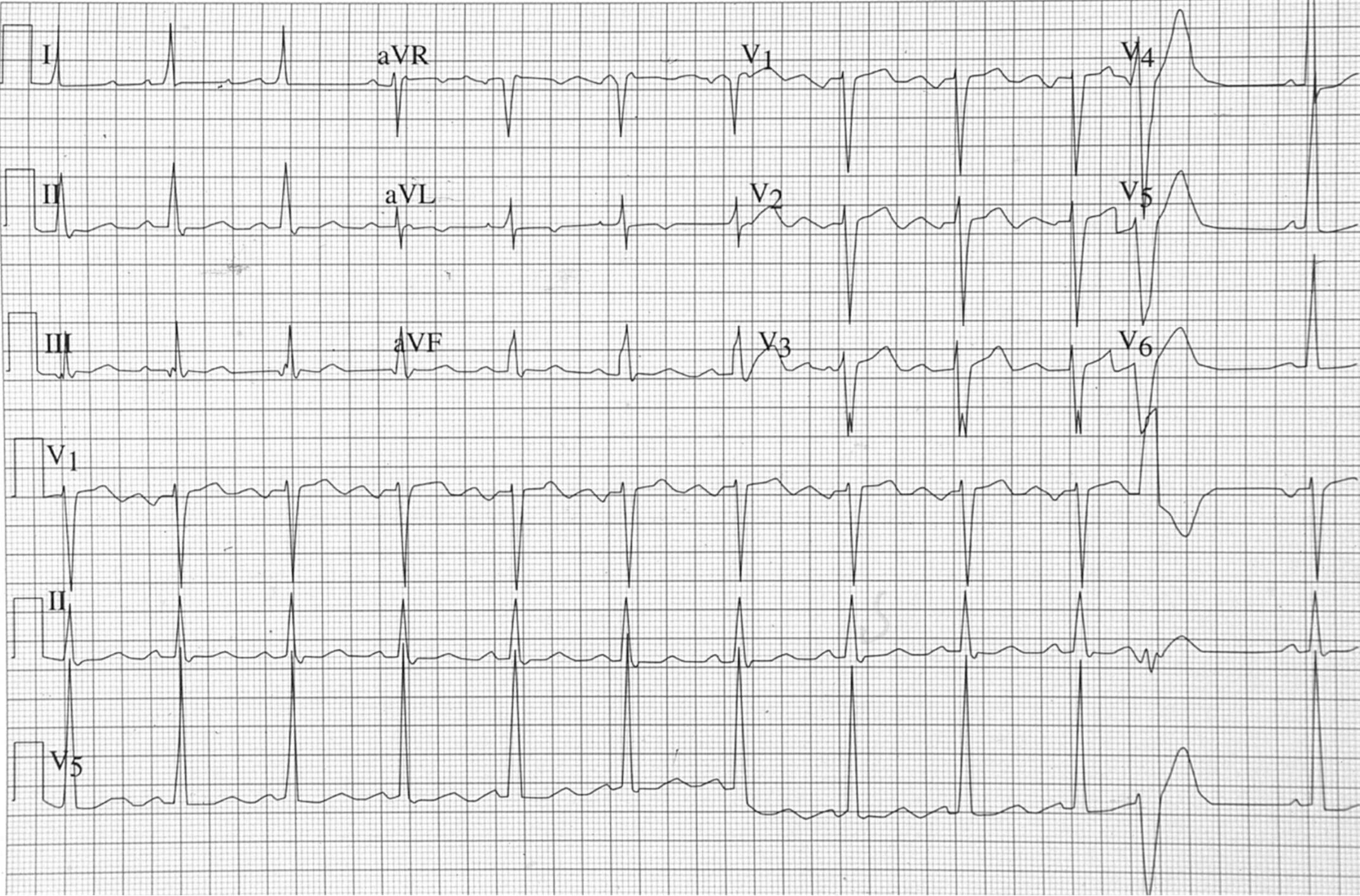
- A)  $+60^\circ$
- B)  $+90^\circ$
- C)  $-45^\circ$
- D)  $0^\circ$
- E)  $+45^\circ$

# Záróvizsga tesztkérdés – BGy-1.26

**Mi a leggyakoribb tartós ritmuszavar?**

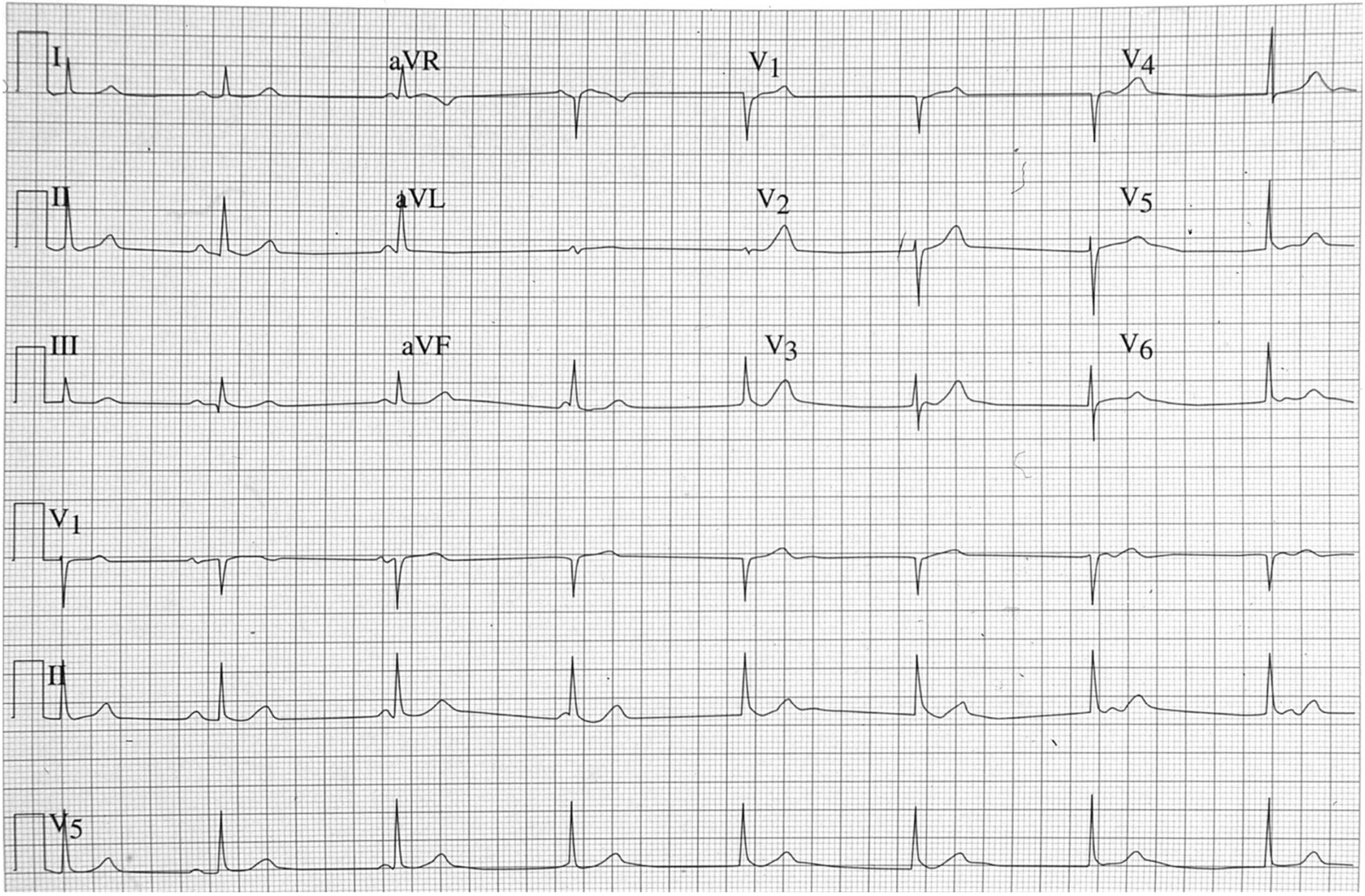
- A) kamrai extrasystolia
- B) pitvarfibrillatio
- C) kamrai tachycardia
- D) supraventricularis tachycardia
- E) junctionalis pótritmus

Day 7 ECG 1

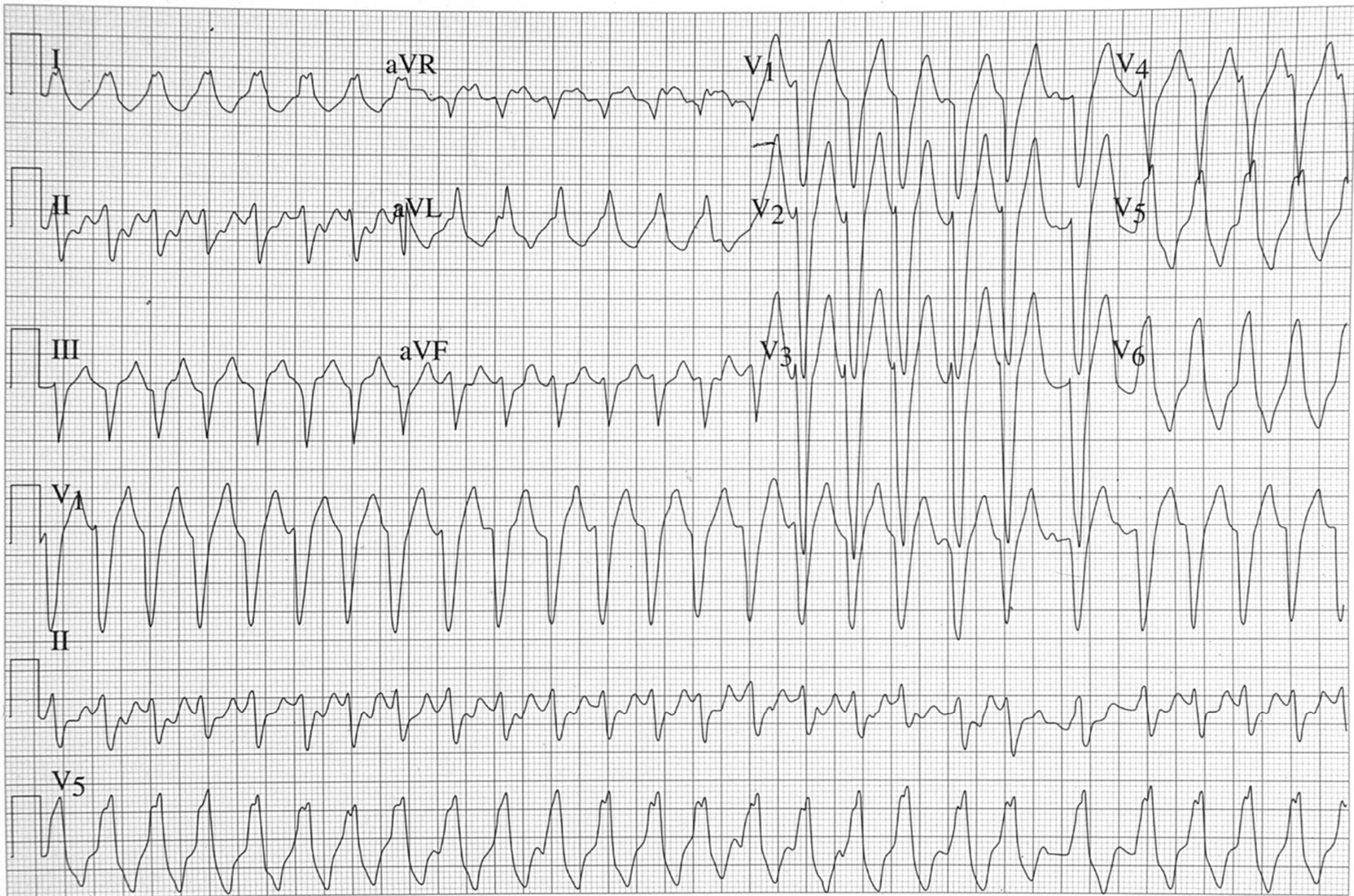




Day 6 ECG 26



# Day 8 ECG 4





Day 6 ECG 15

