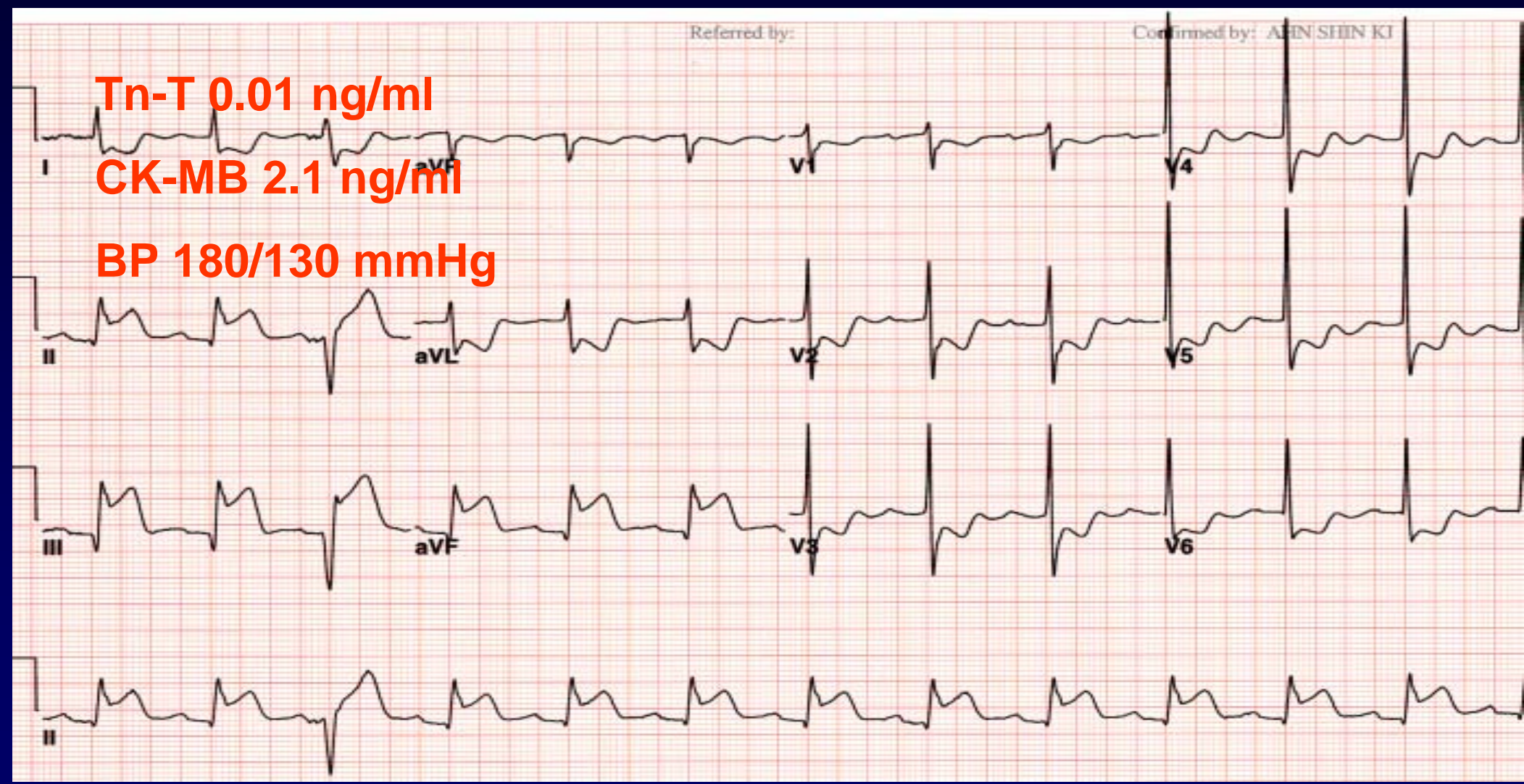


Interesting EKG

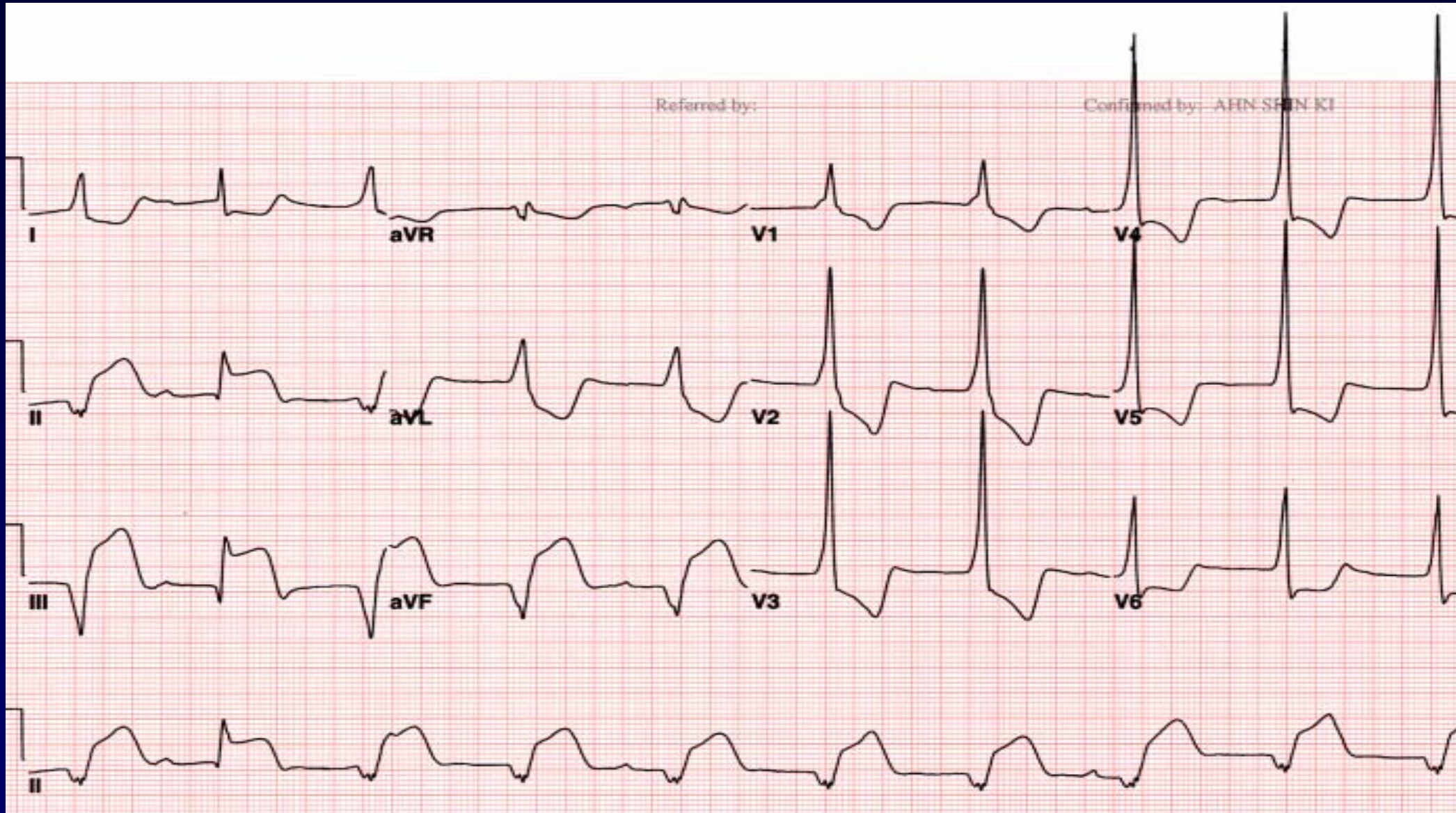


81 F

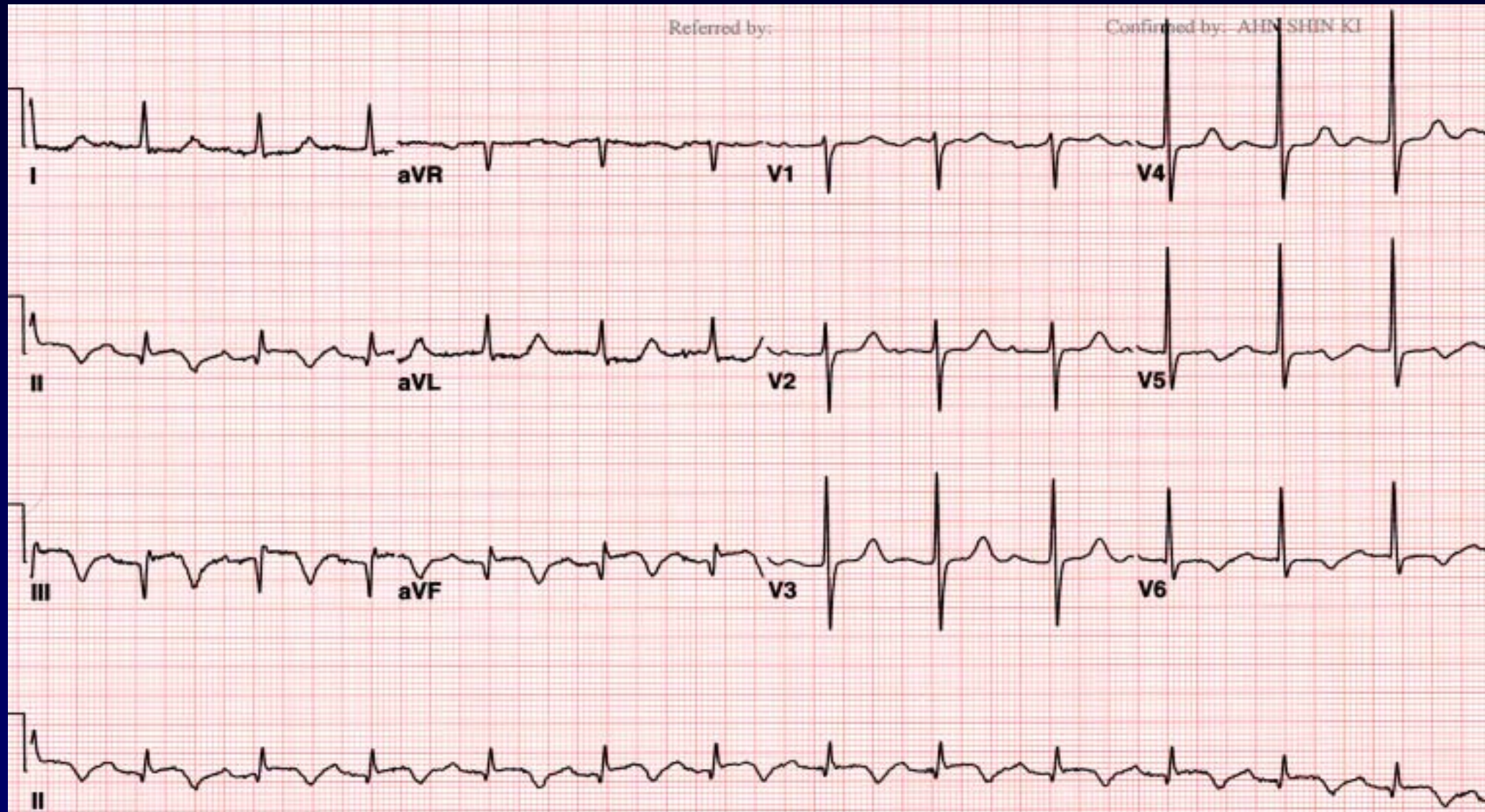
Epigastric discomfort after meals for 3 hours



After 20 minutes



After 2 hrs



58 M, Palpitation

VR=61 bpm

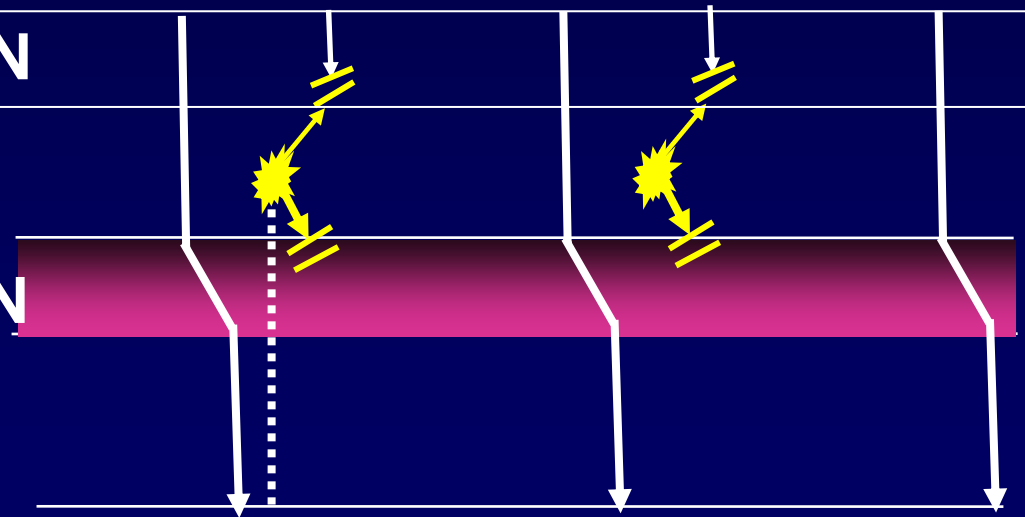
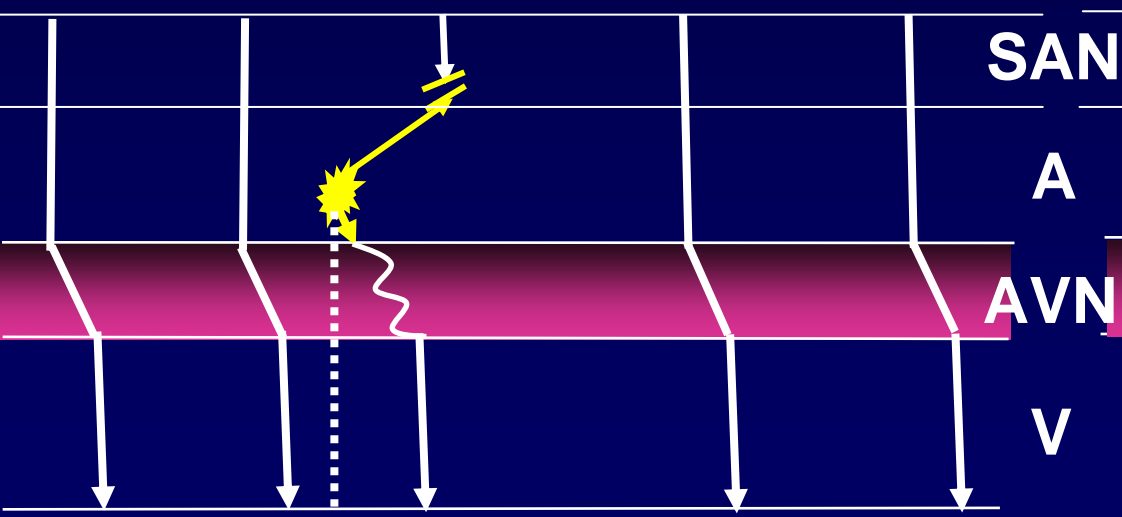
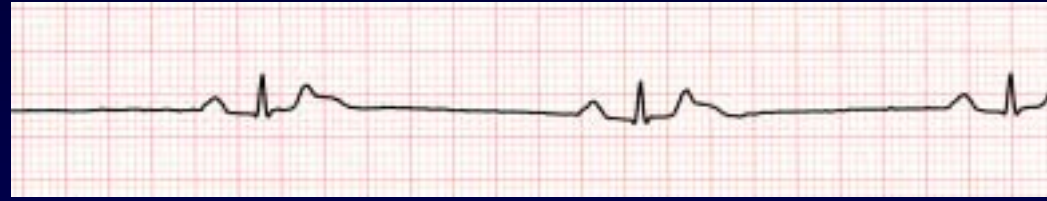
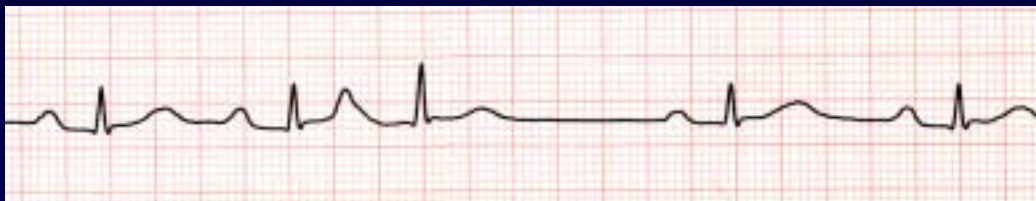


VR=42 bpm



Conducted APC

Non-conducted APC



RP:240 ms

RP:200 ms

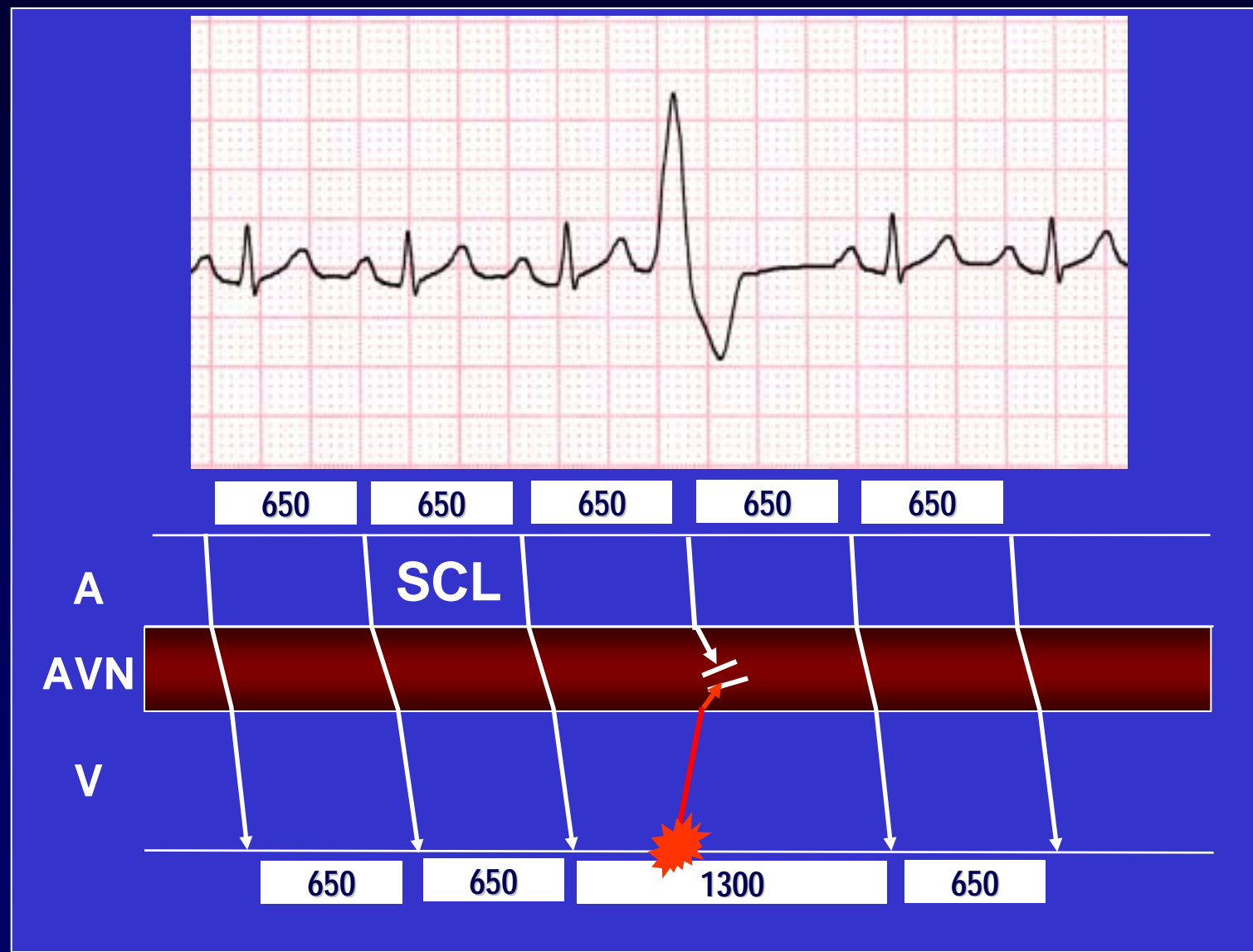


41 M

Abnormal ECG , HTN for 3 yrs

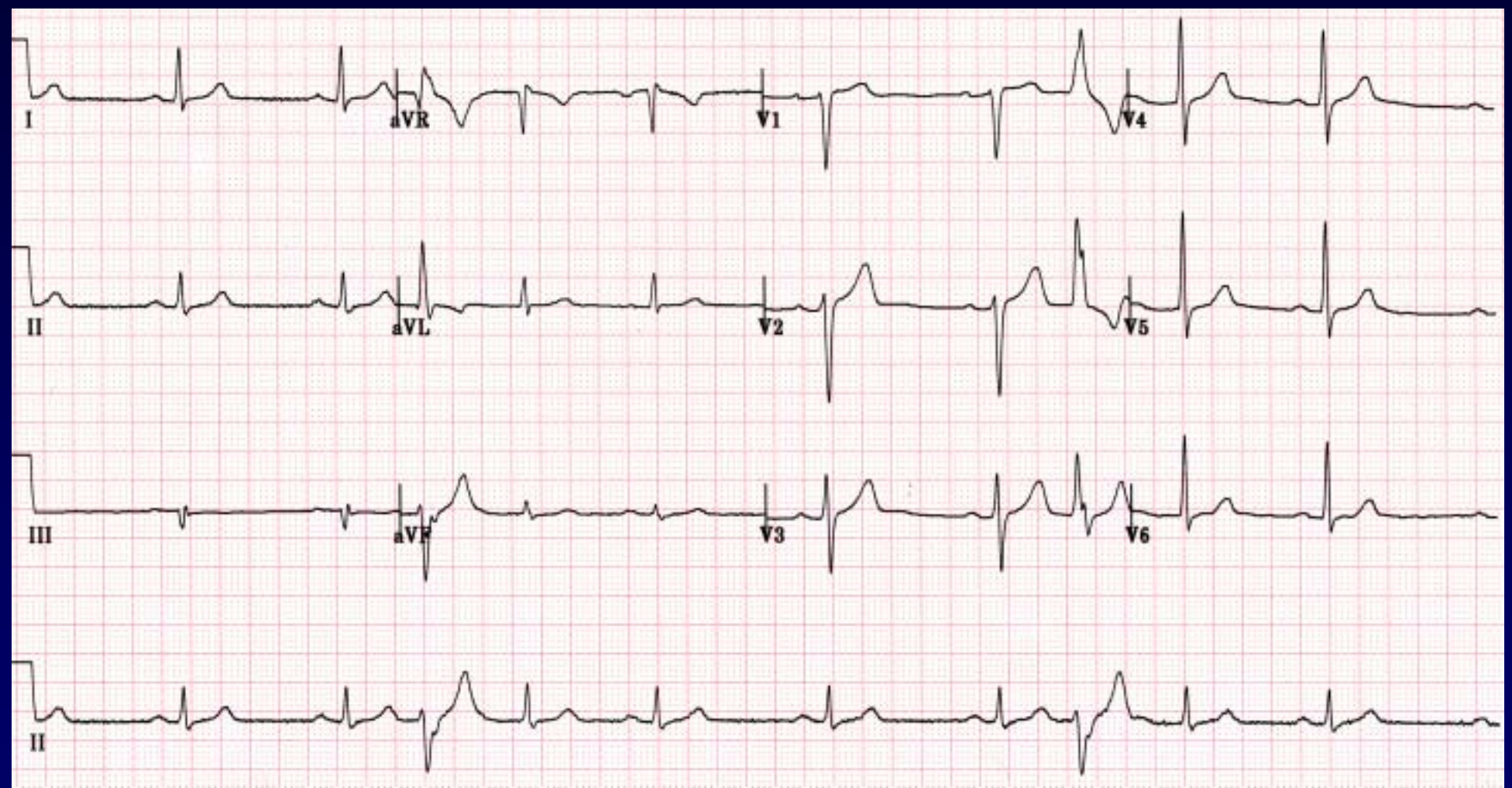


VPC with compensatory pause

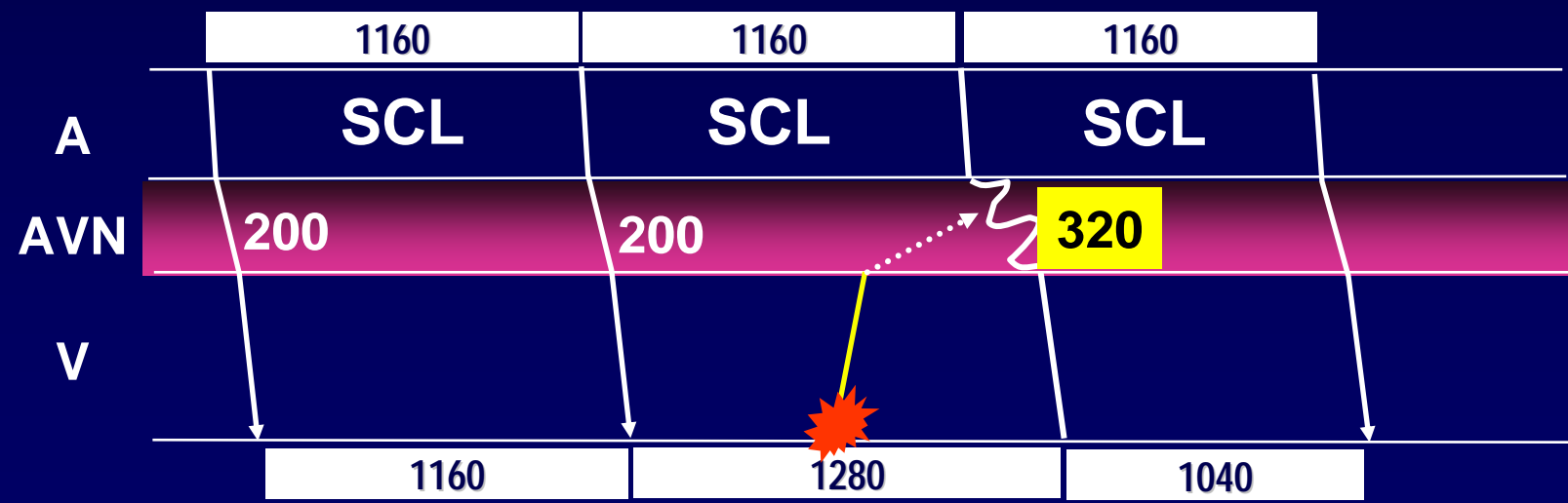


41 M,

HR=68/min



Interpolated PVC with retrograde concealed conduction



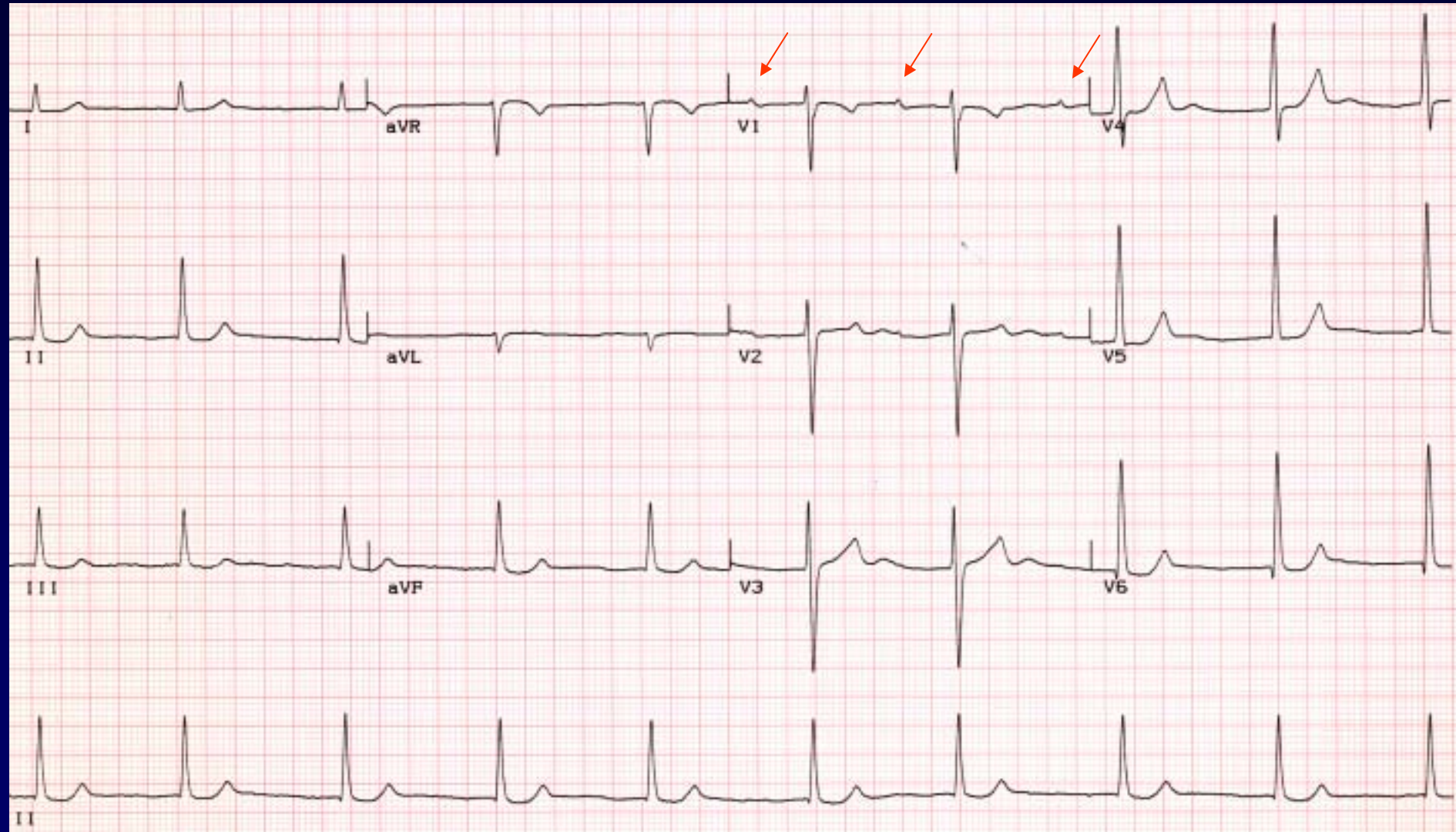
55 F 가

s/p DVR , paroxysmal A-fib, flecainide 200mg/d



12 leads EKG

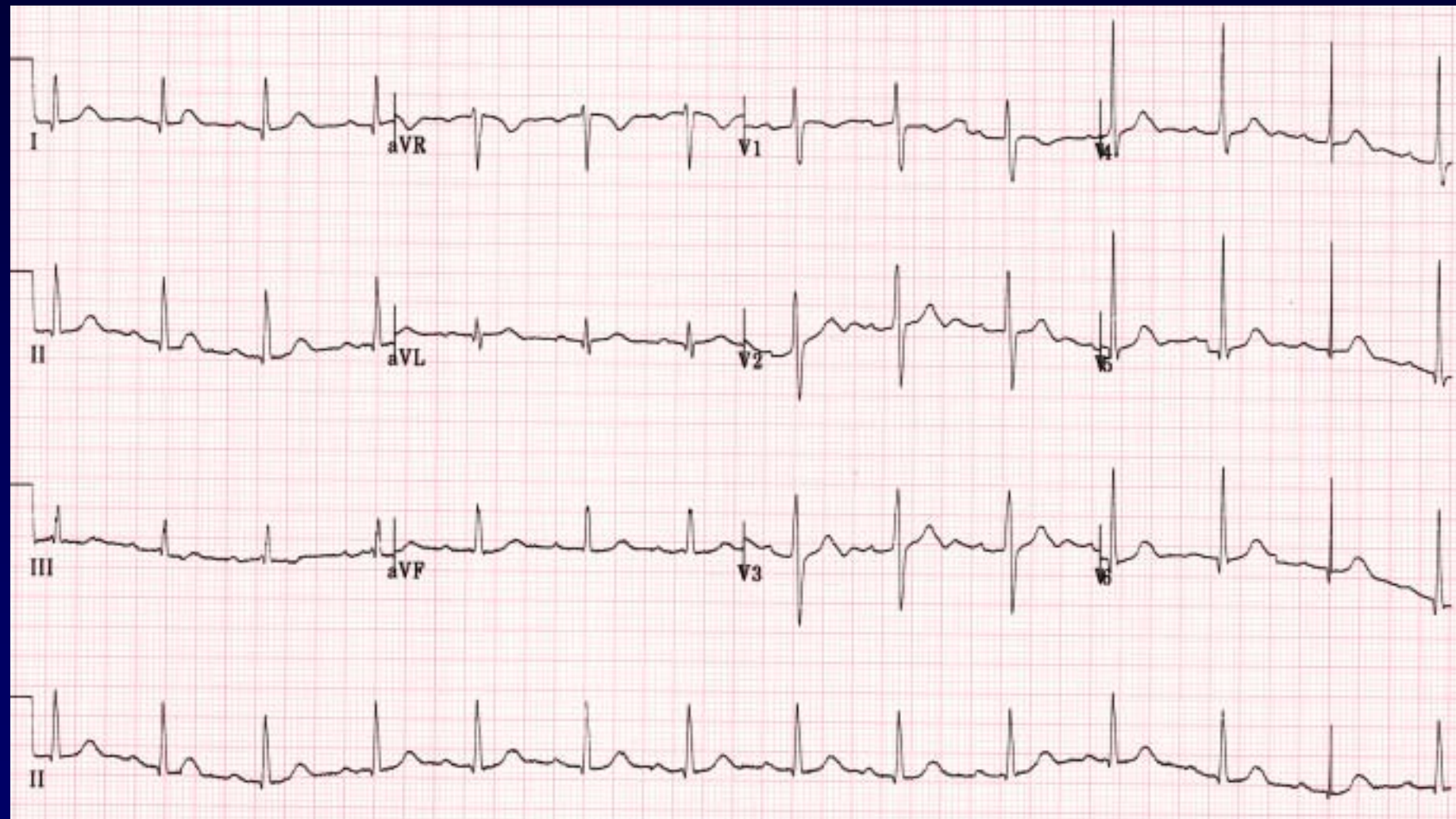
HR = 56 bpm



33 M,

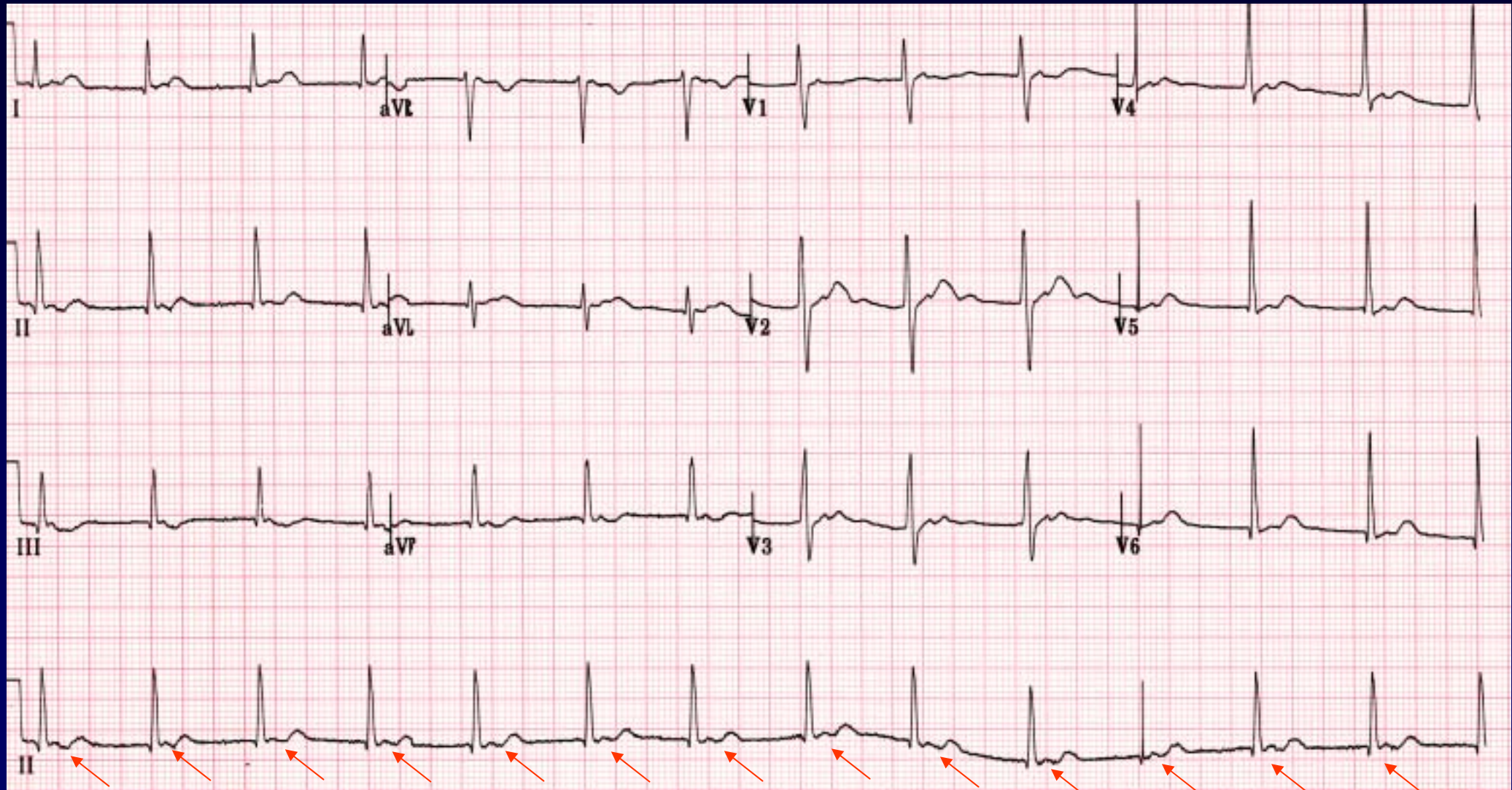
Intermittent dizziness for 6 months

HR = 79 bpm



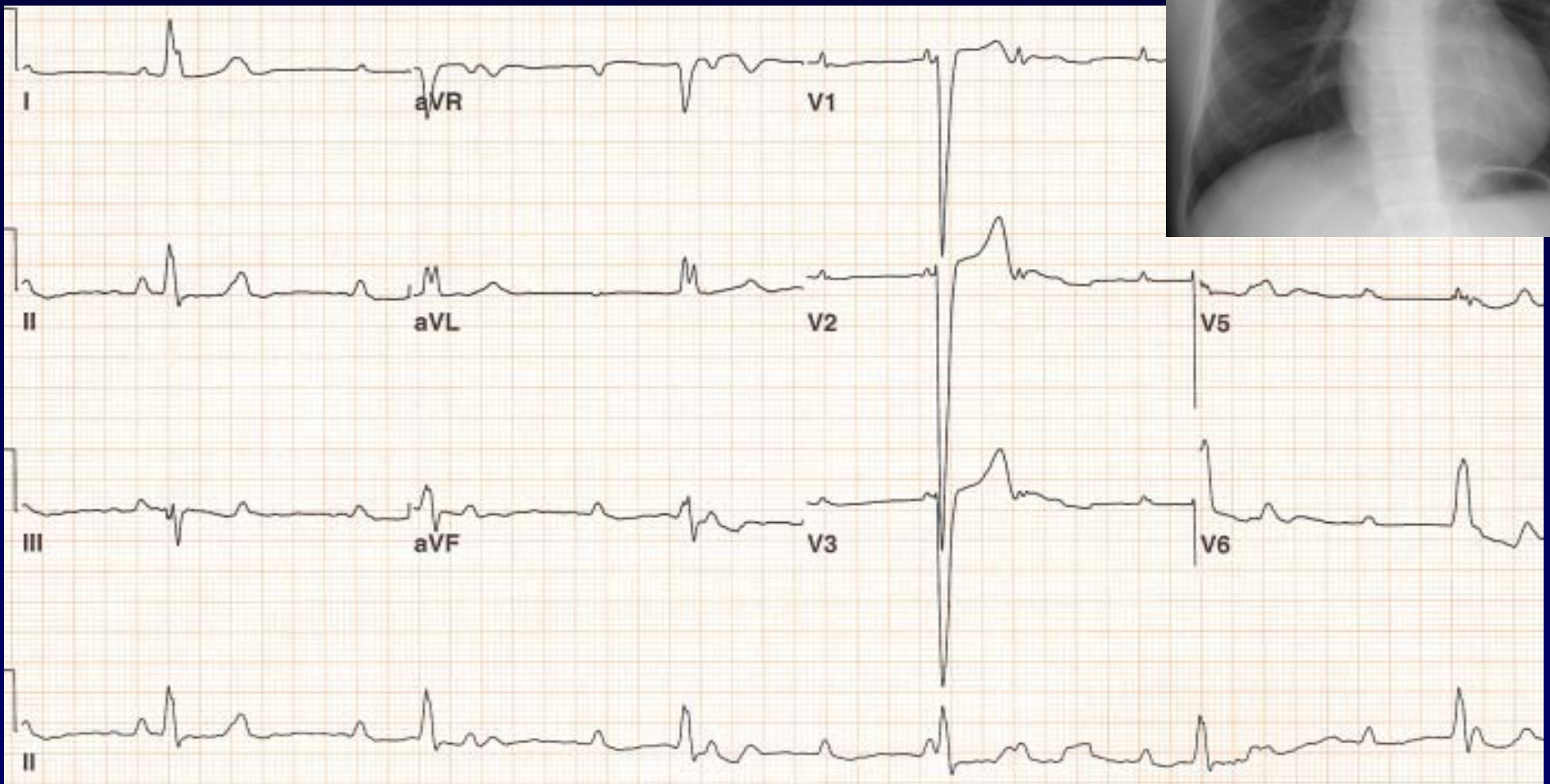
Dizziness

HR = 79 bpm



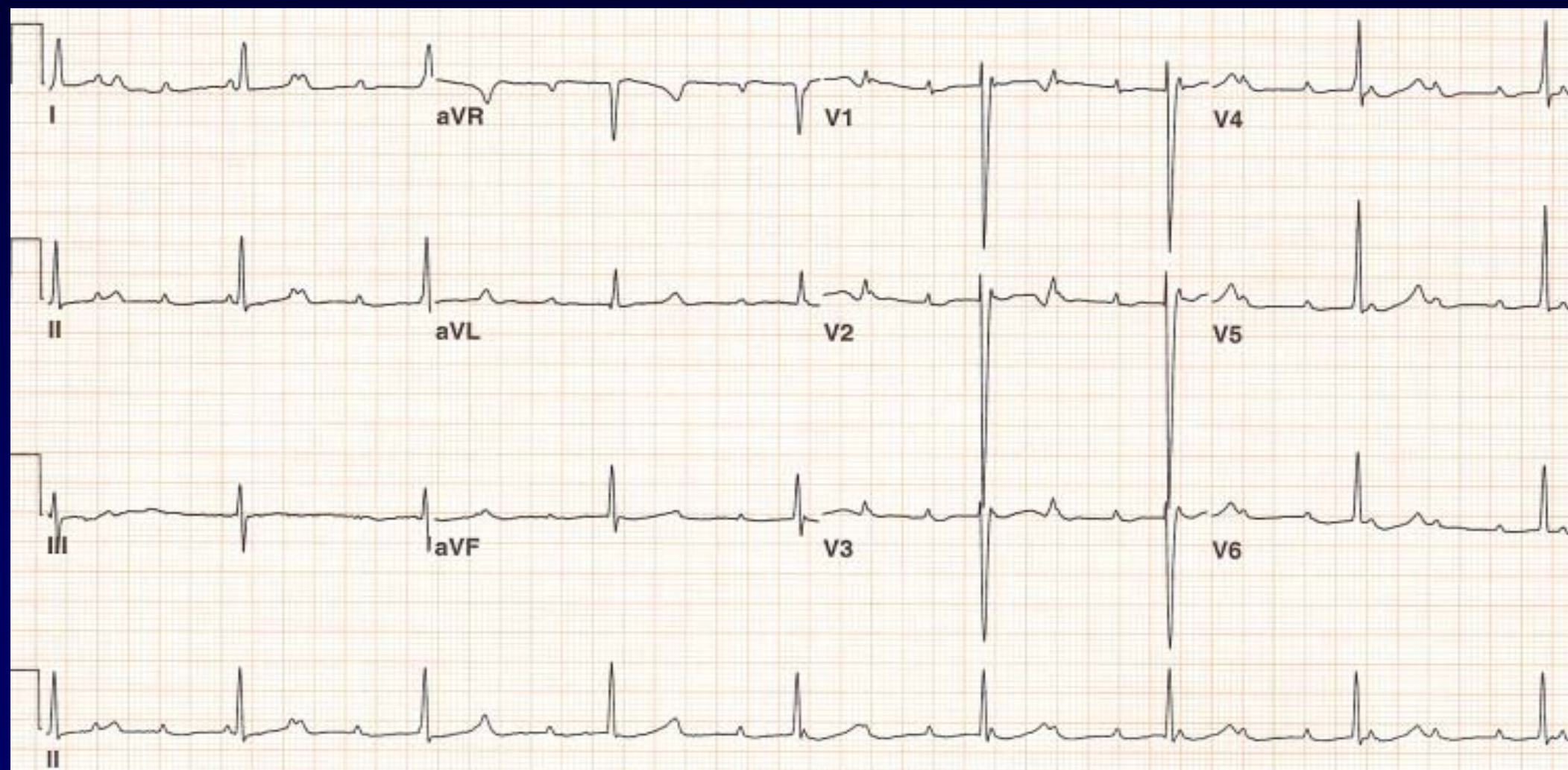
Accelerated junctional rhythm

13 F, Exercise intolerance



SR = 83 bpm, VR = 36 bpm

EKG at birth(1 month)

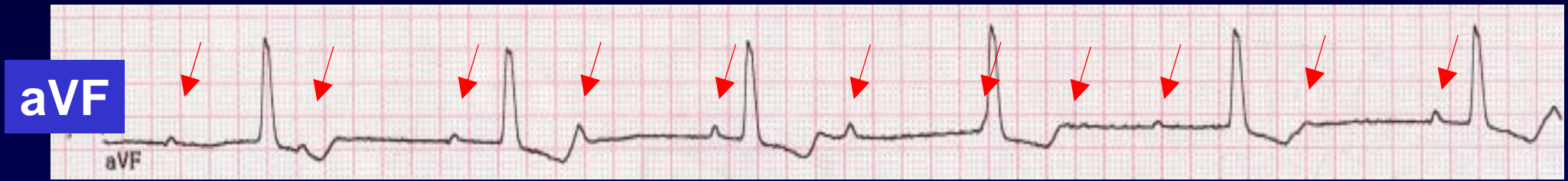


SR = 143 bpm, VR = 54 bpm

TMT

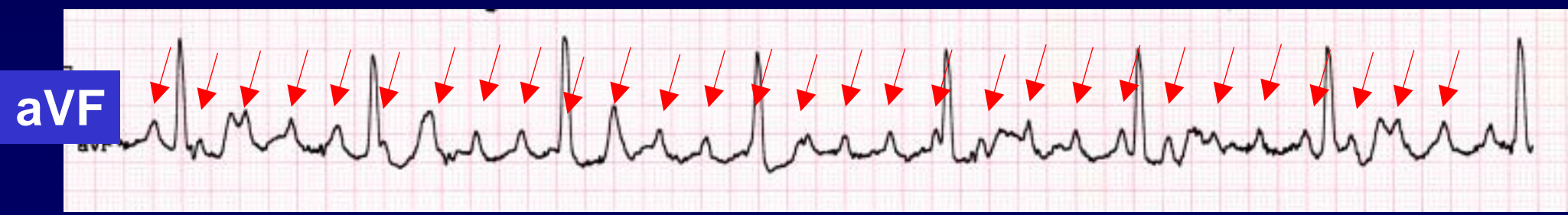
Resting

SR = 70 bpm
VR = 35 bpm



Stage IV (9':49'')

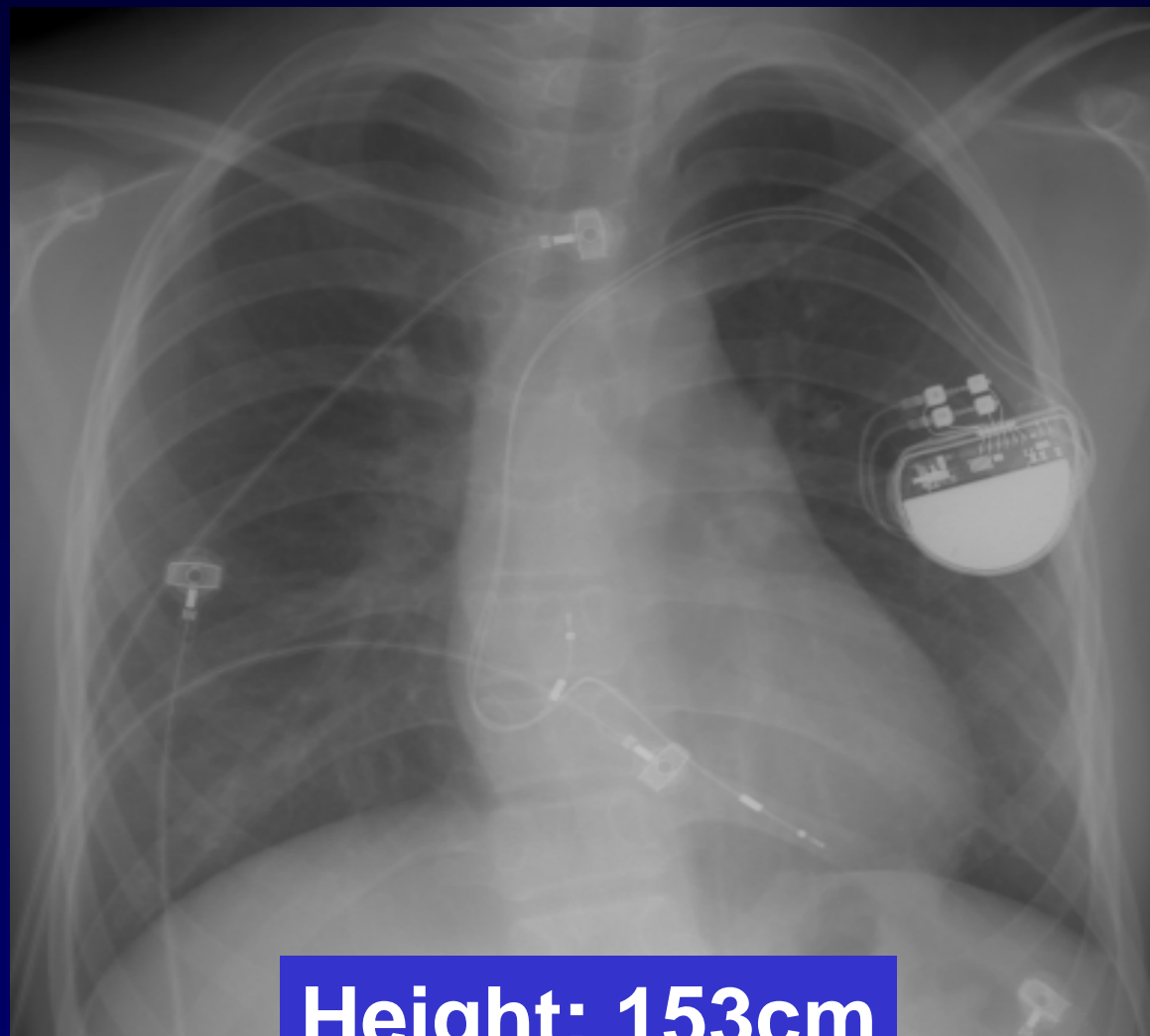
SR = 170 bpm
VR = 49 bpm



EKG during DDD pacemaker implantation



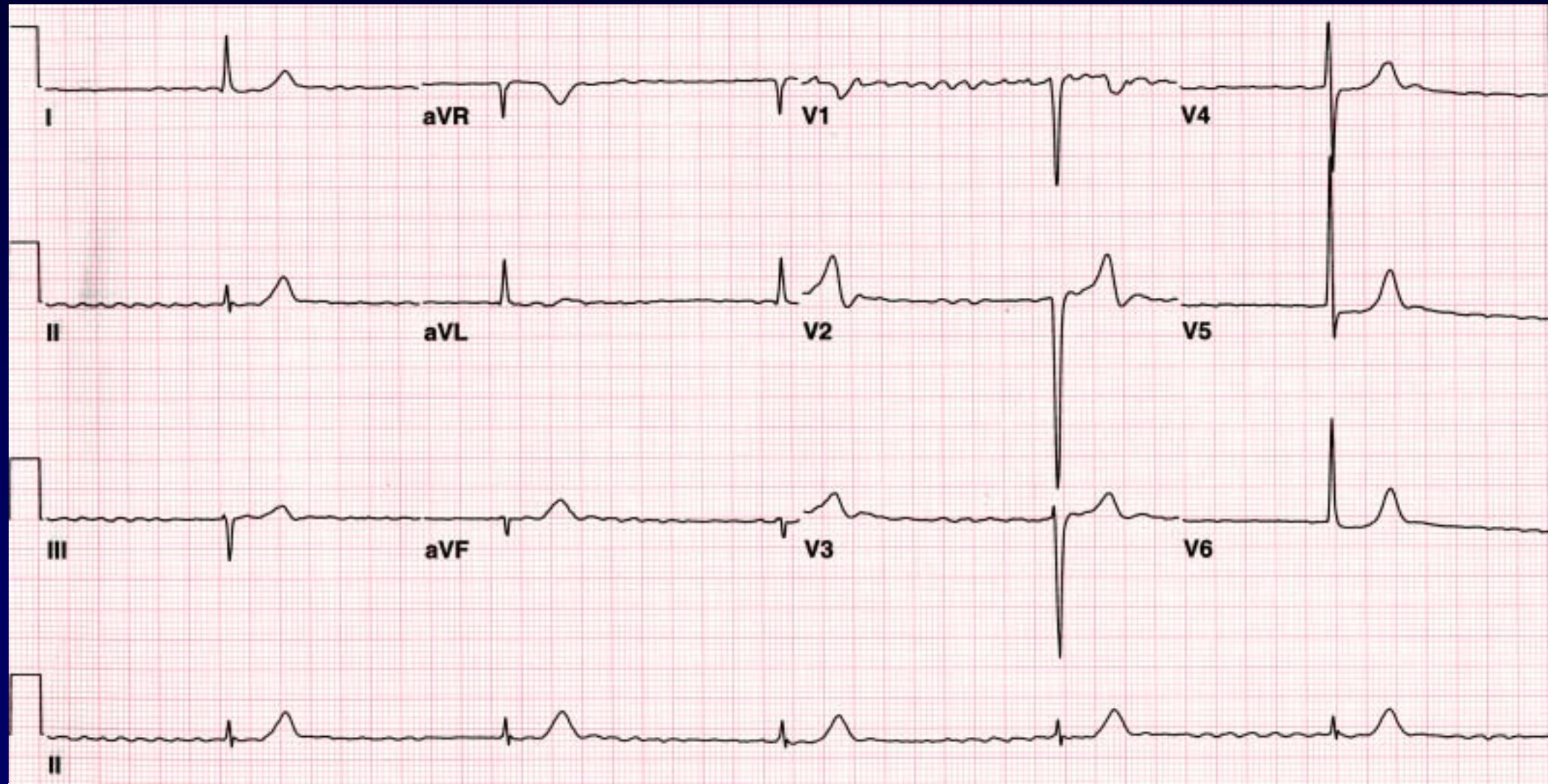
DDD pacemaker implantation



Height: 153cm
Weight: 51kg

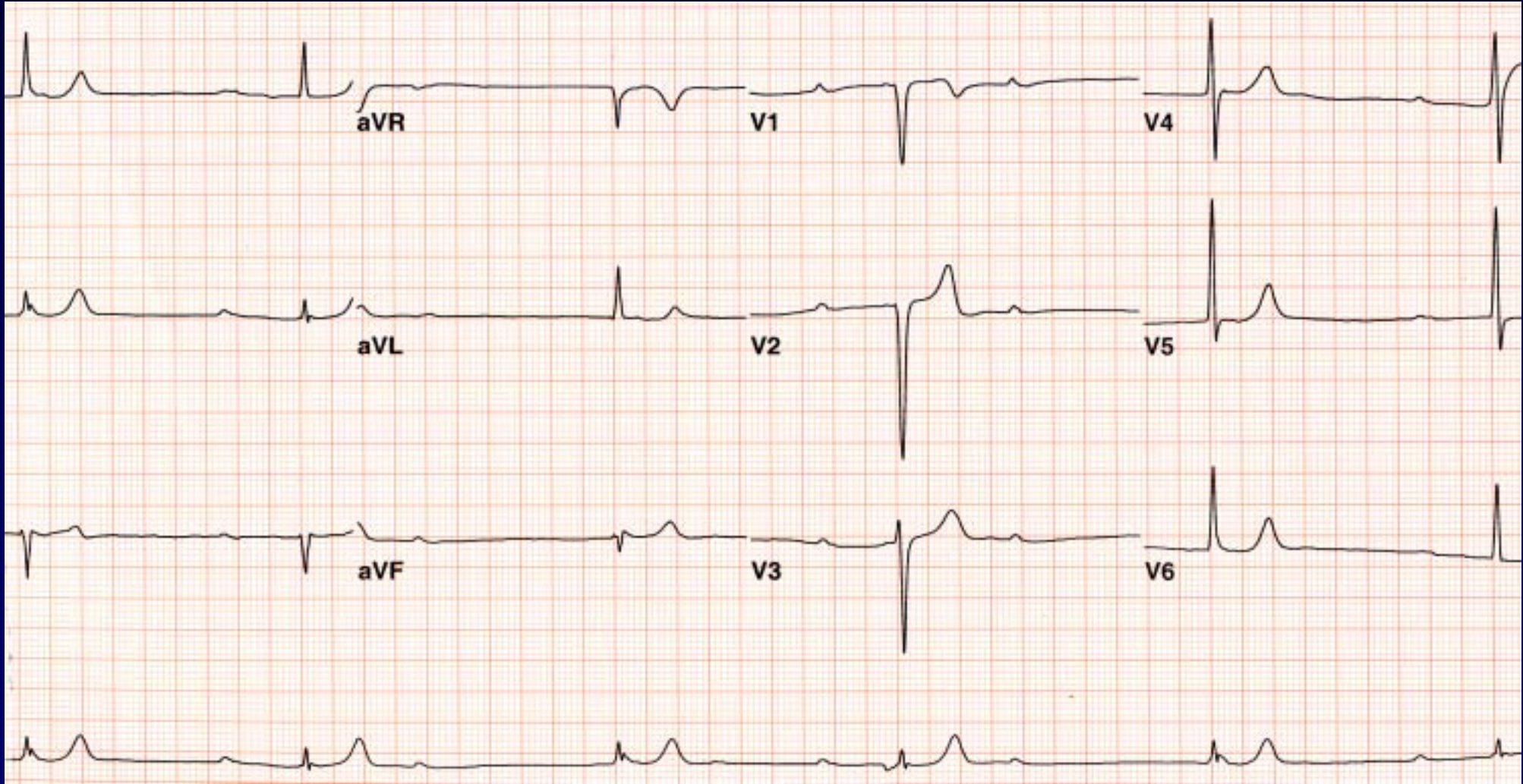
52 M,

VR=32/min



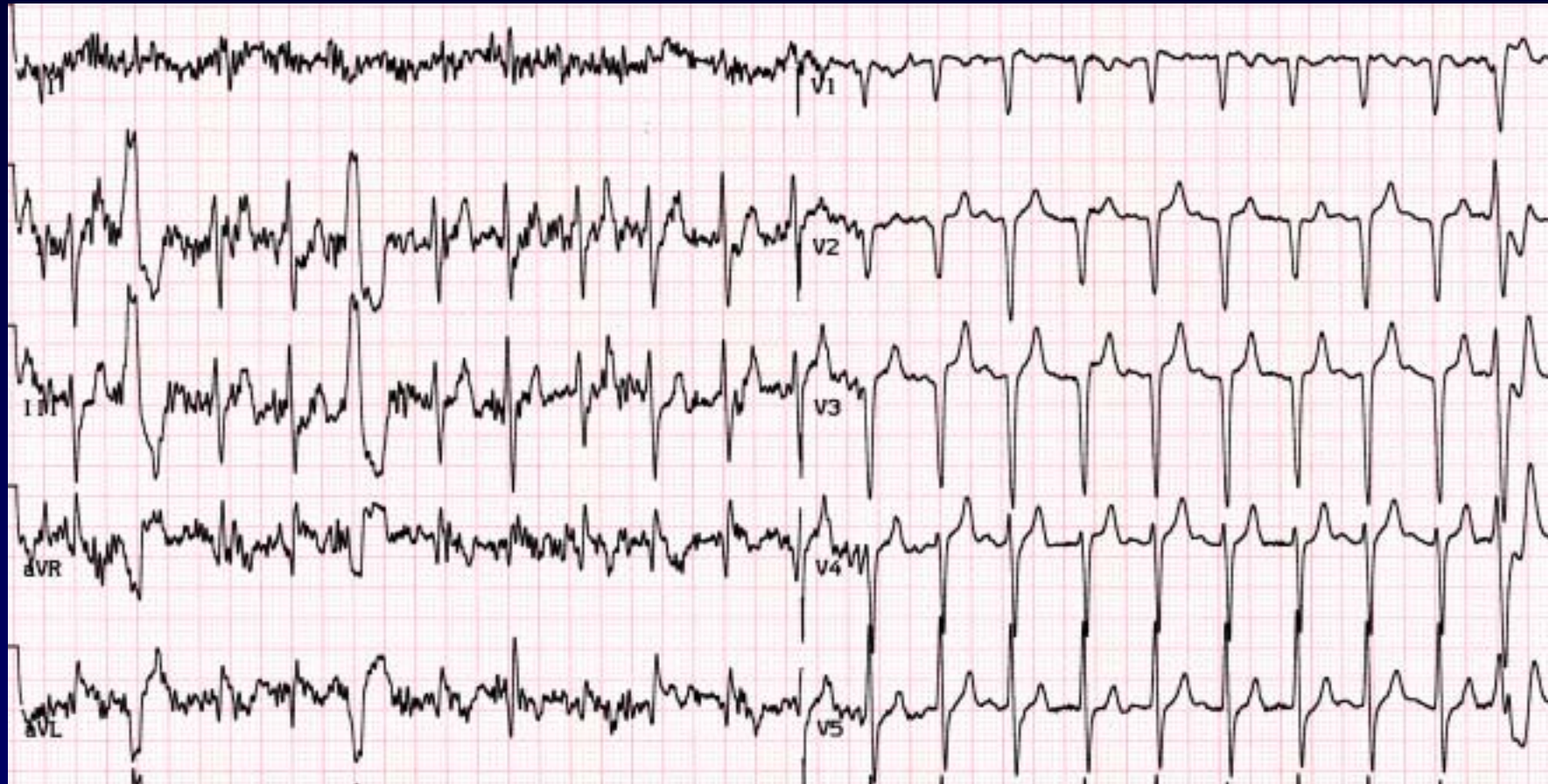
EKG at old chart

VR=32/min



TMT - stage IV

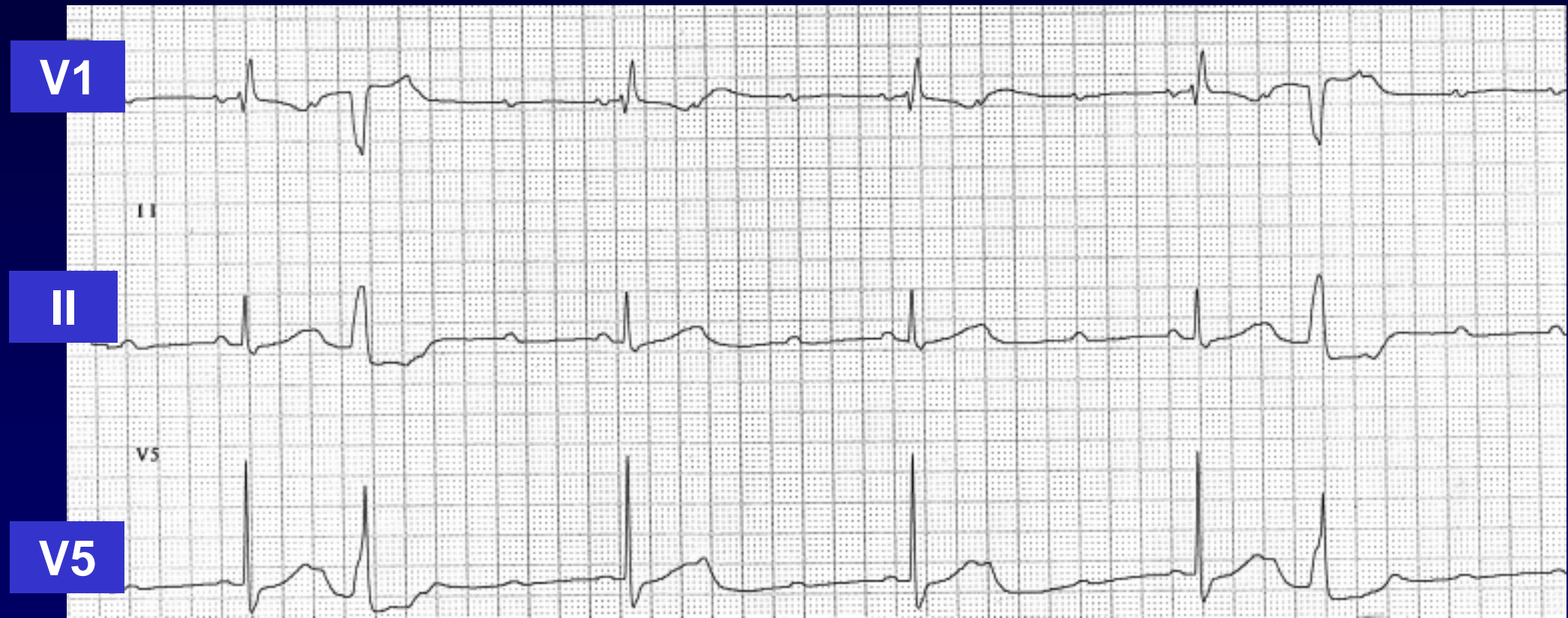
VR=130/min, 180/110 mmHg



Observation without pacemaker insertion

61 F, 가

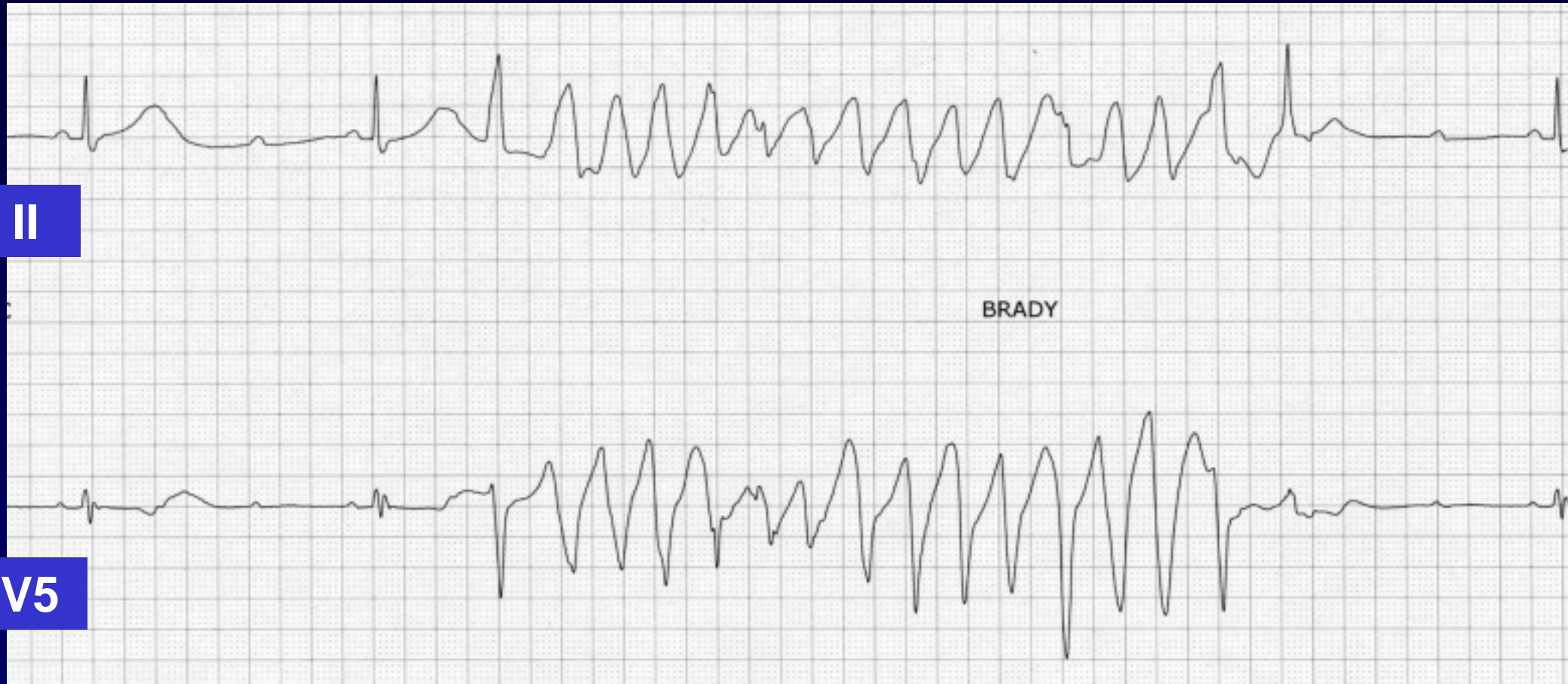
Dizzy spell 3 days ago and fatigue for 2 months,
Known APN, Rt.



SR = 99 bpm, VR = 33 bpm, QTc = 645 ms



Telemetry monitoring (HD # 1)



A. What to do now ?

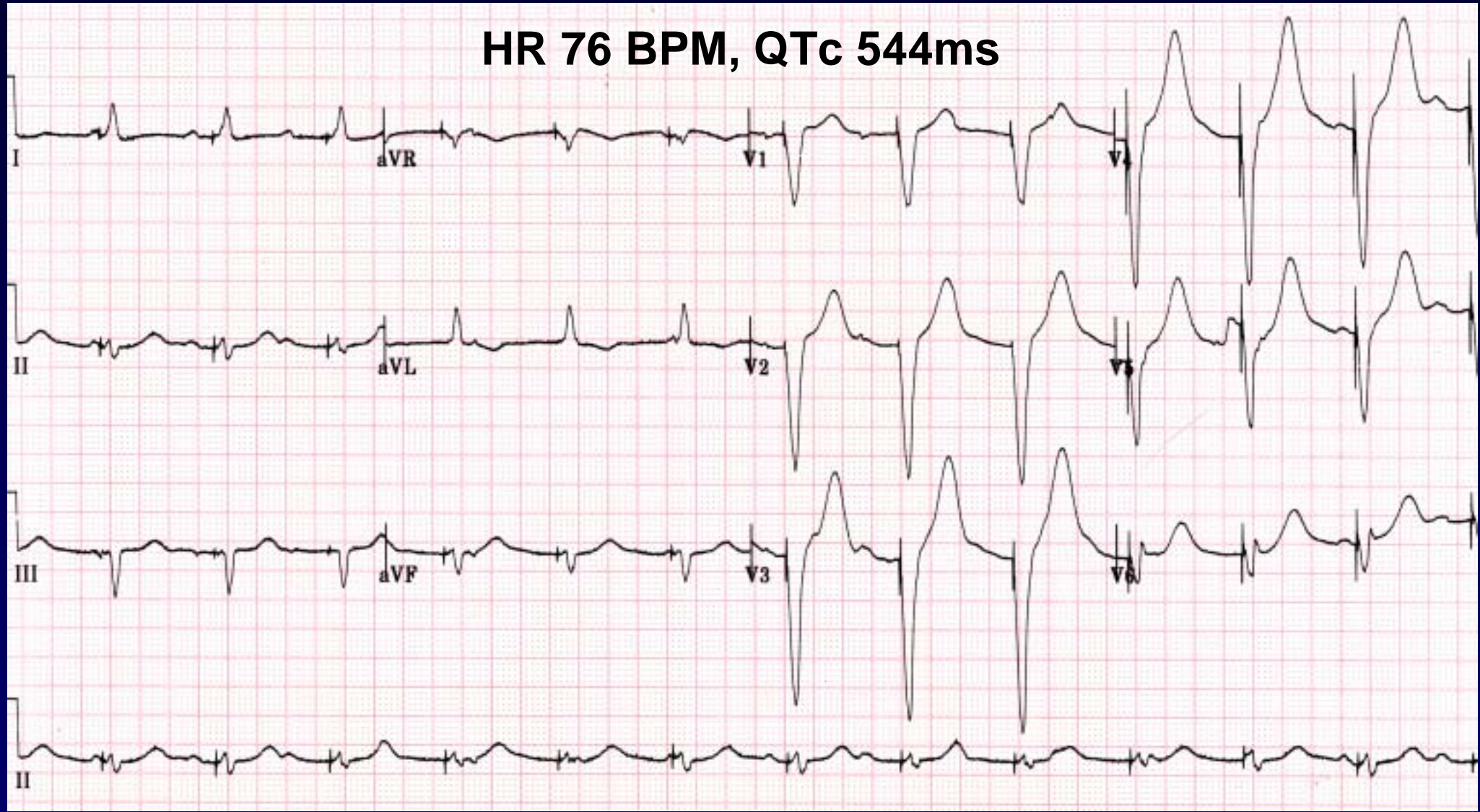
- 1. IV amiodarone**
- 2. IV K⁺ and Mg⁺⁺**
- 3. temporary pacemaker insertion**

B. Long term plan ?

- 1. EPS**
- 2. ICD**
- 3. Permanent pacemaker insertion**



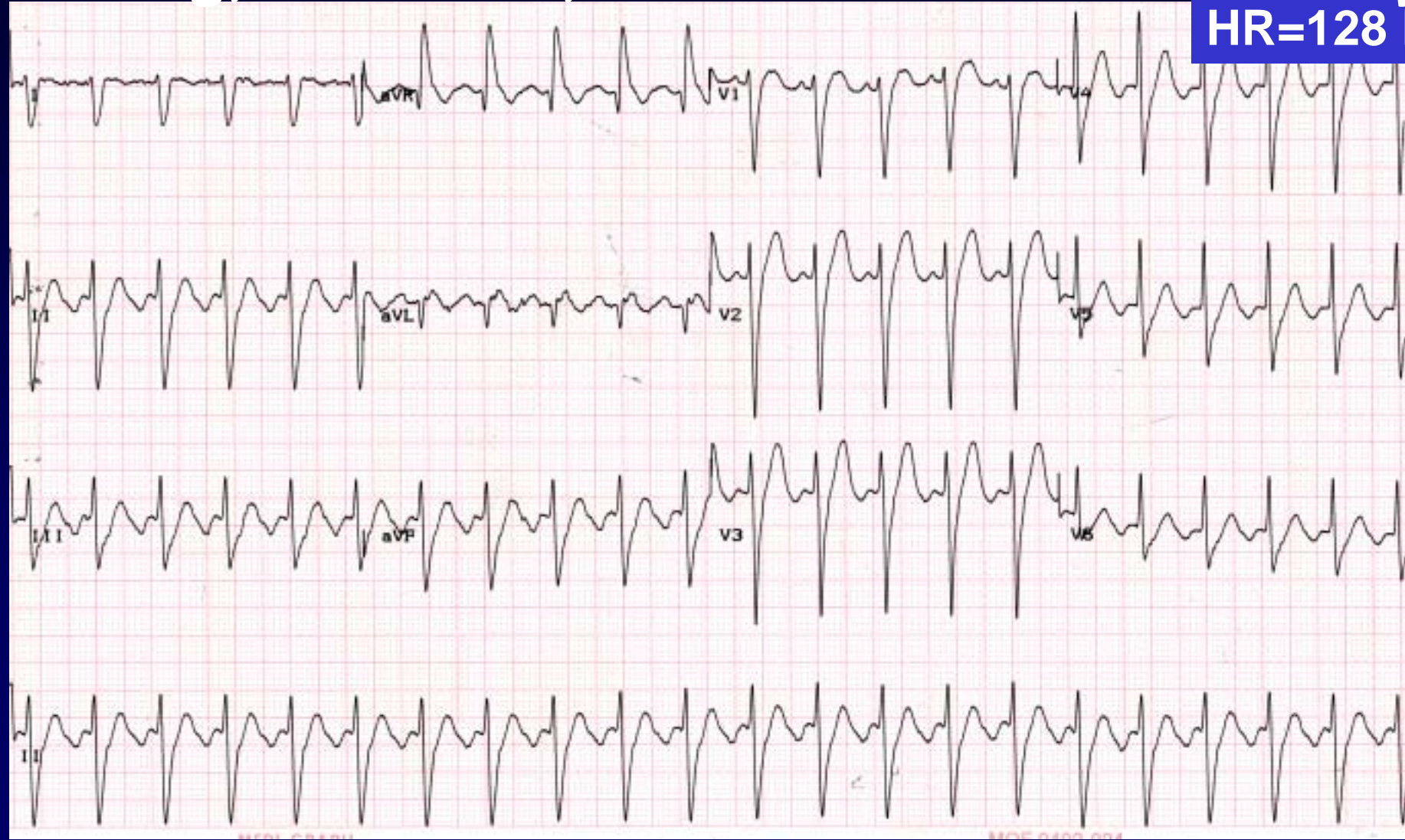
EKG after temporary pacemaker insertion



73 M, Business man, Known HTN

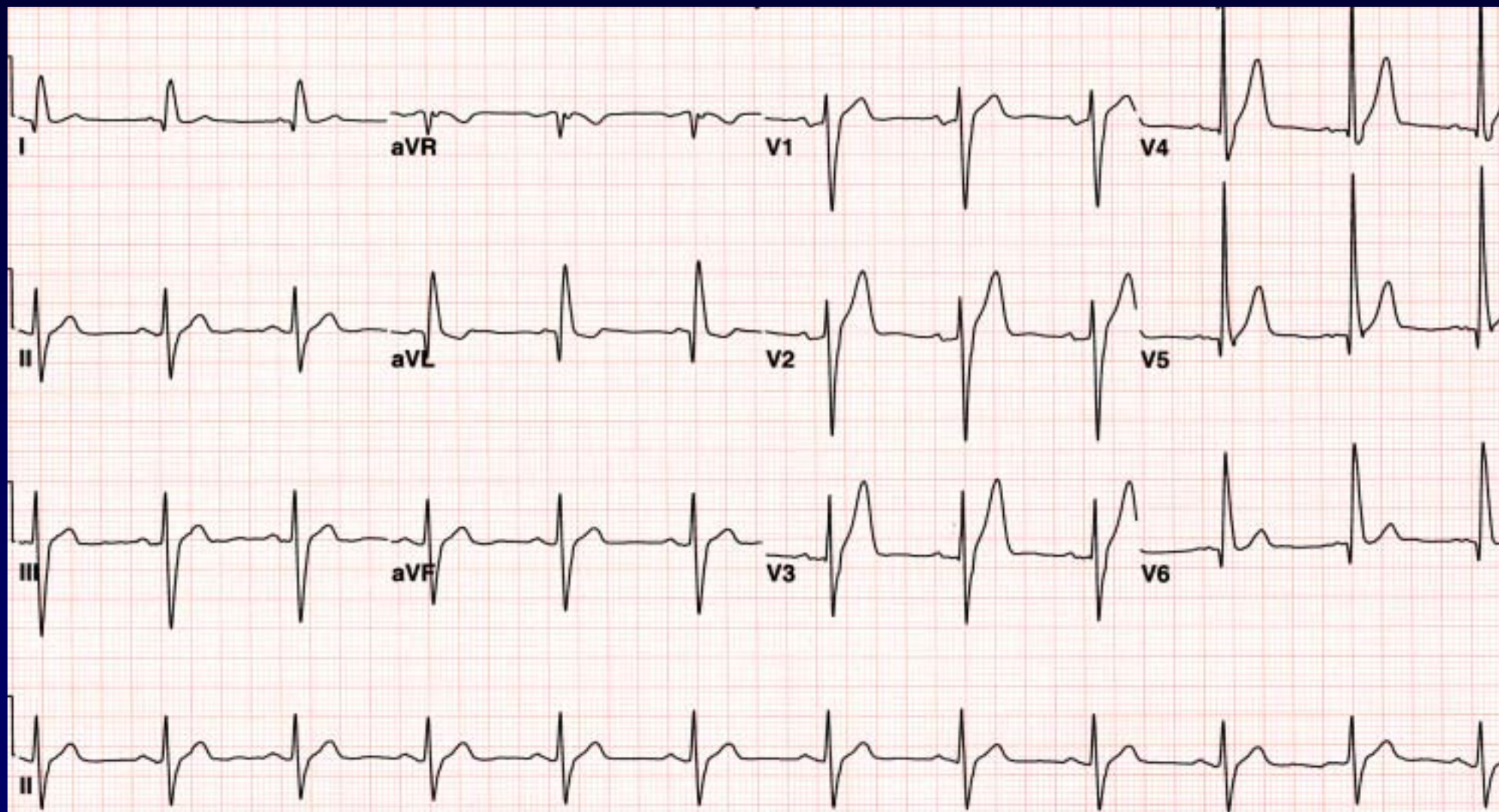
Vomiting, Dizziness, Chest discomfort for 1 Day

HR=128 BPM



EKG at OPD

HR=68 BPM



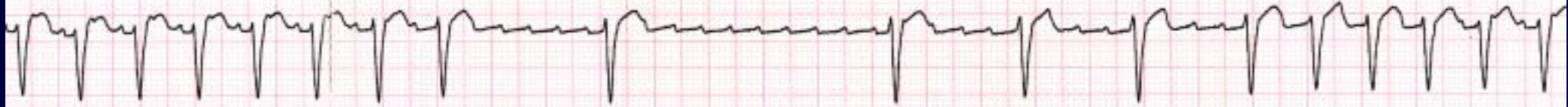
?

1. IV adenosine
2. Esophageal lead recording
3. Carotid sinus massage
4. IV verapamil
5. DC cardioversion

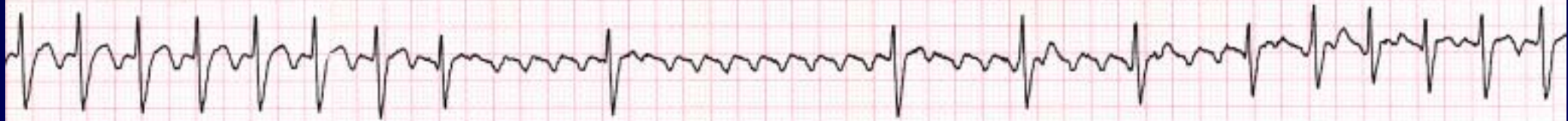


V1

Carotid sinus massage



II



V5



After Verapamil 240mg/d, digoxin 0.125mg qd

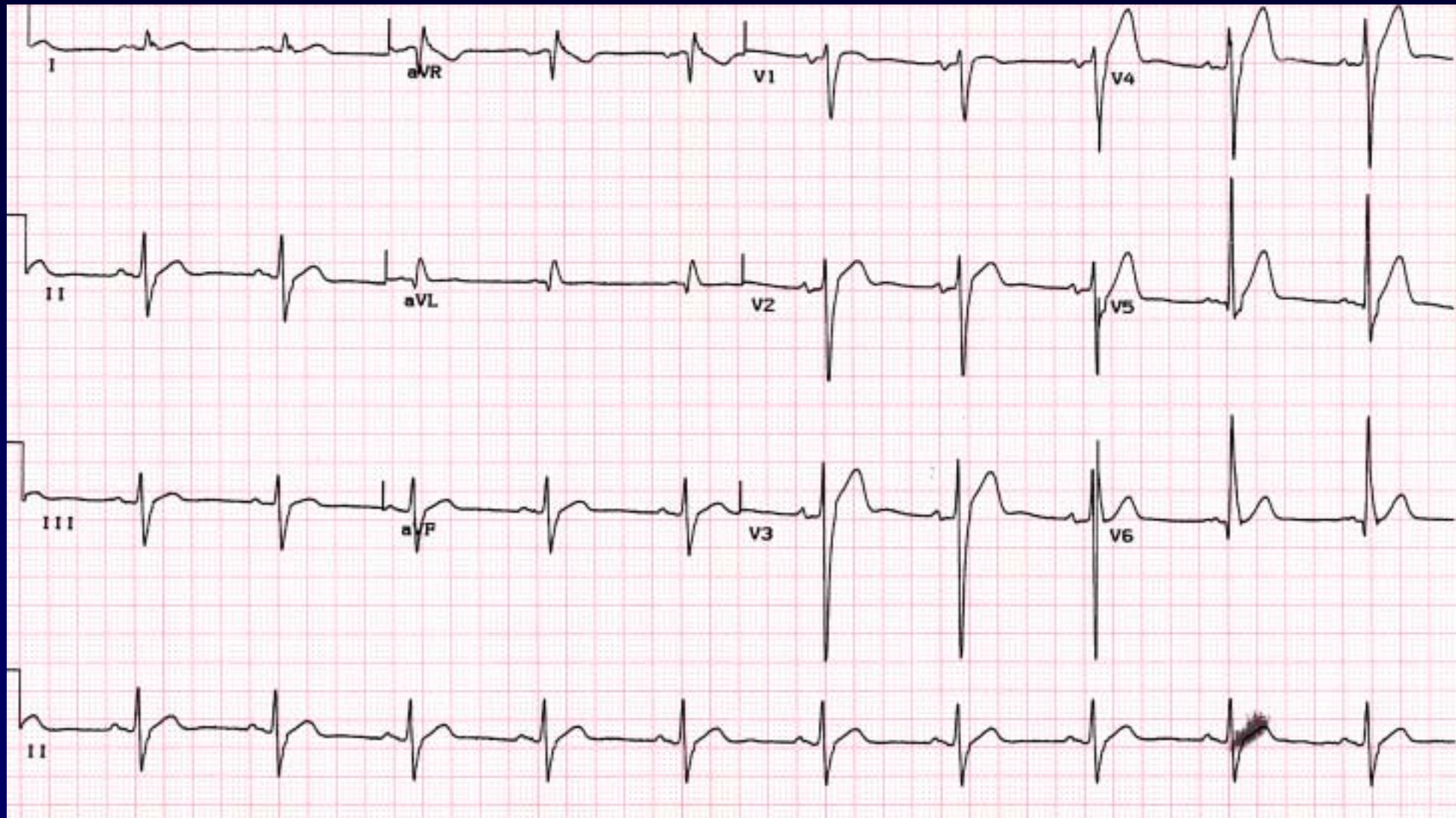
HR=70 BPM



→ DC cardioversion 50J

ECG after cardioversion

HR=62 BPM



→ Aspirin 100mg, Norvasc 10mg

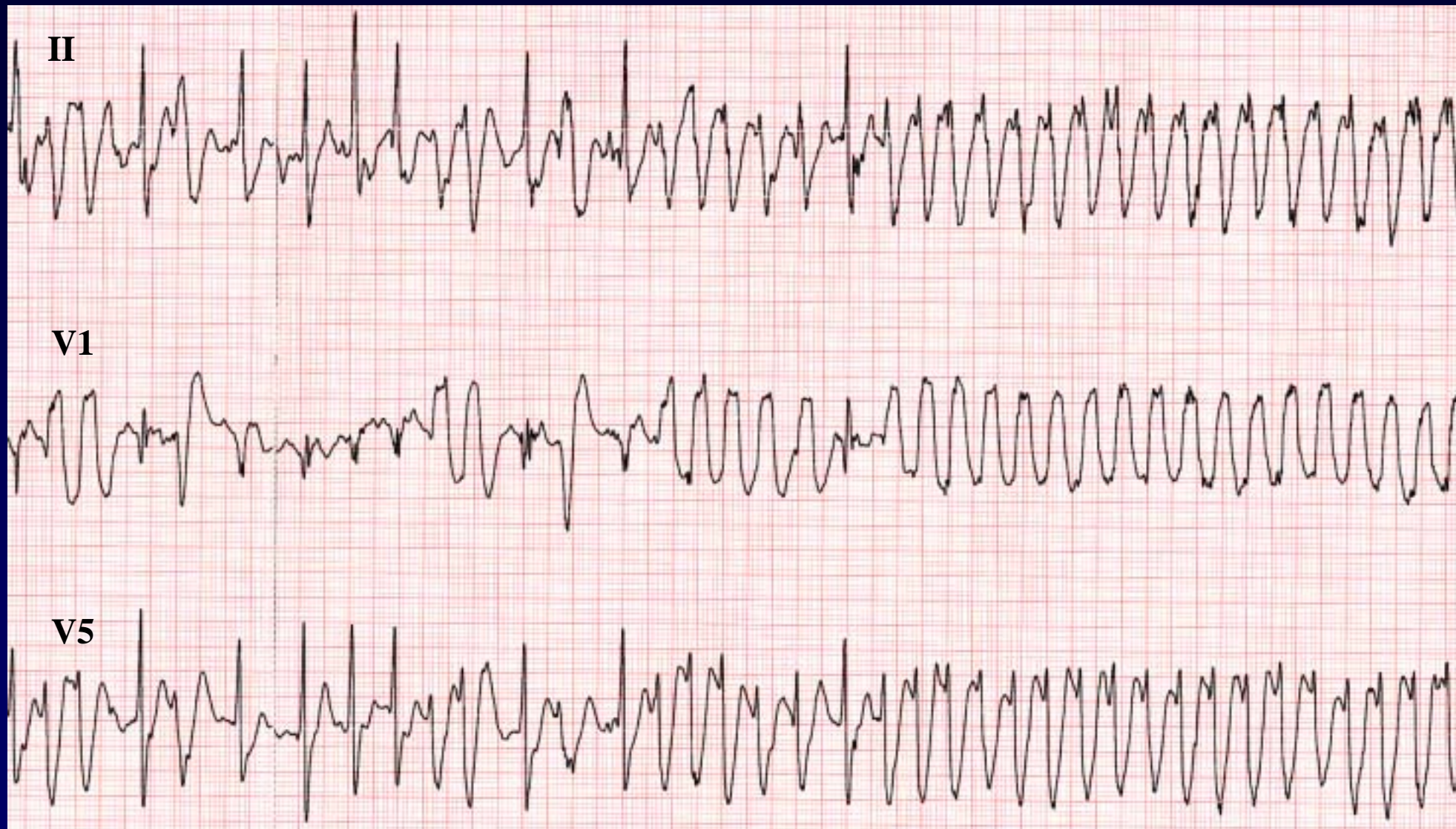
59 M,

Syncope while hiking x 1, Palpitation for 10 years

HR 46 BPM

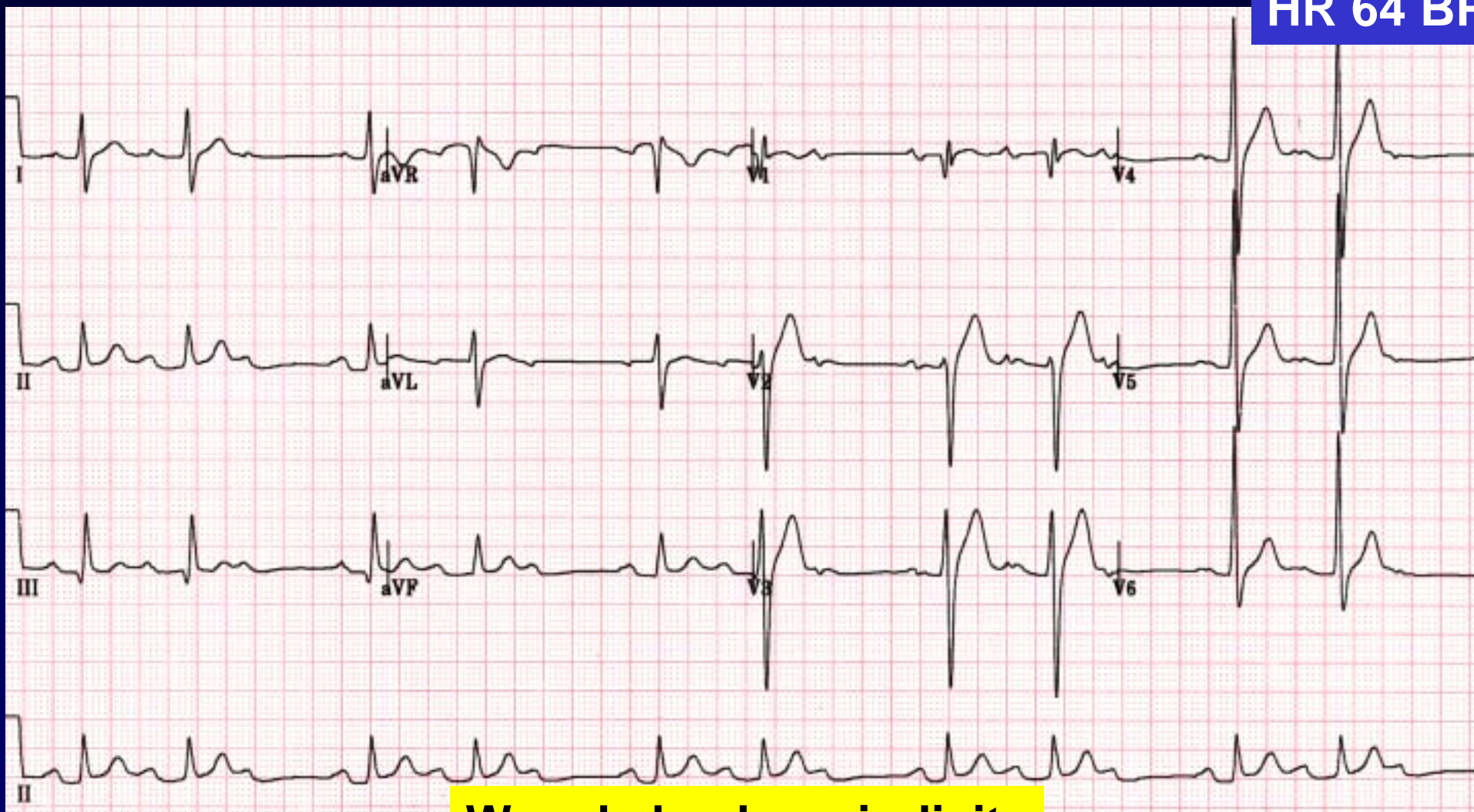


TMT Stage IV (,)



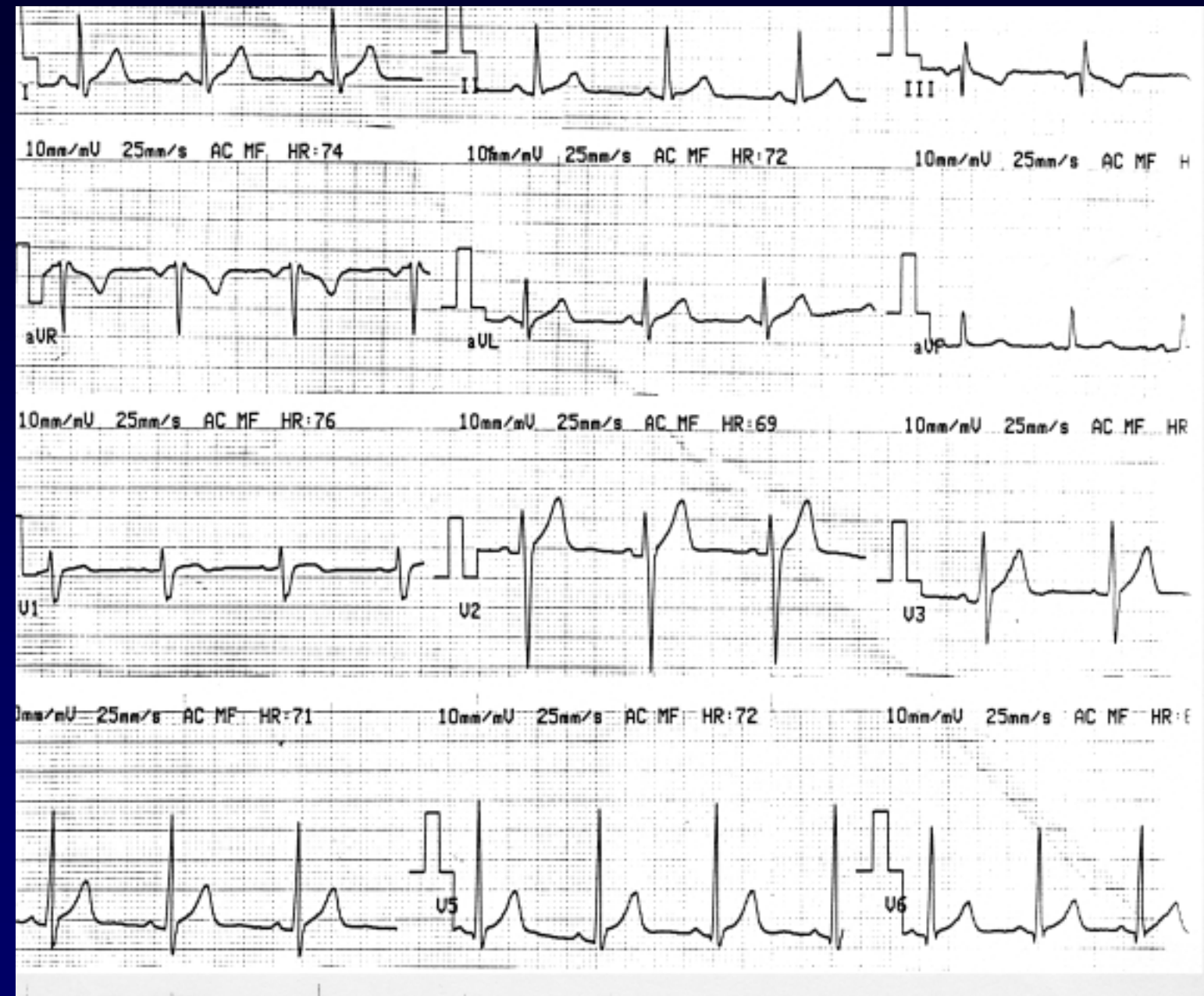
EKG after atrial flutter ablation (RF catheter ablation of cavotricuspid isthmus)

HR 64 BPM

**Wenckebach periodicity**

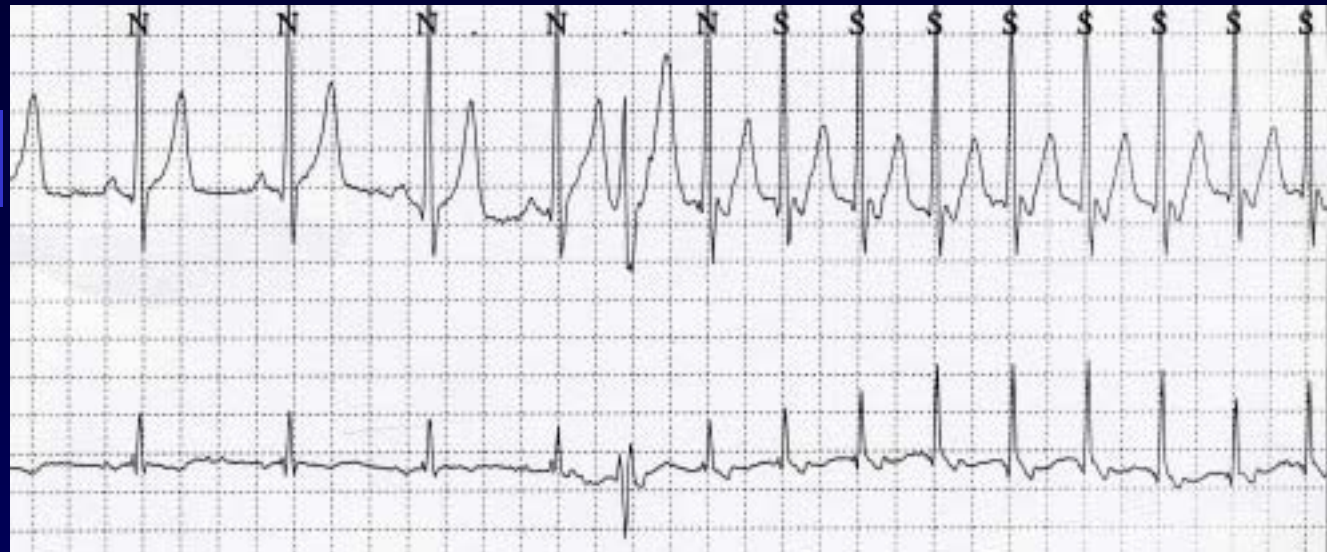
31 M Palpitation

HR=70/min



Holter monitoring

V5



2004-6-10 05:21:40

II

V5



2004-6-10 05:31:54

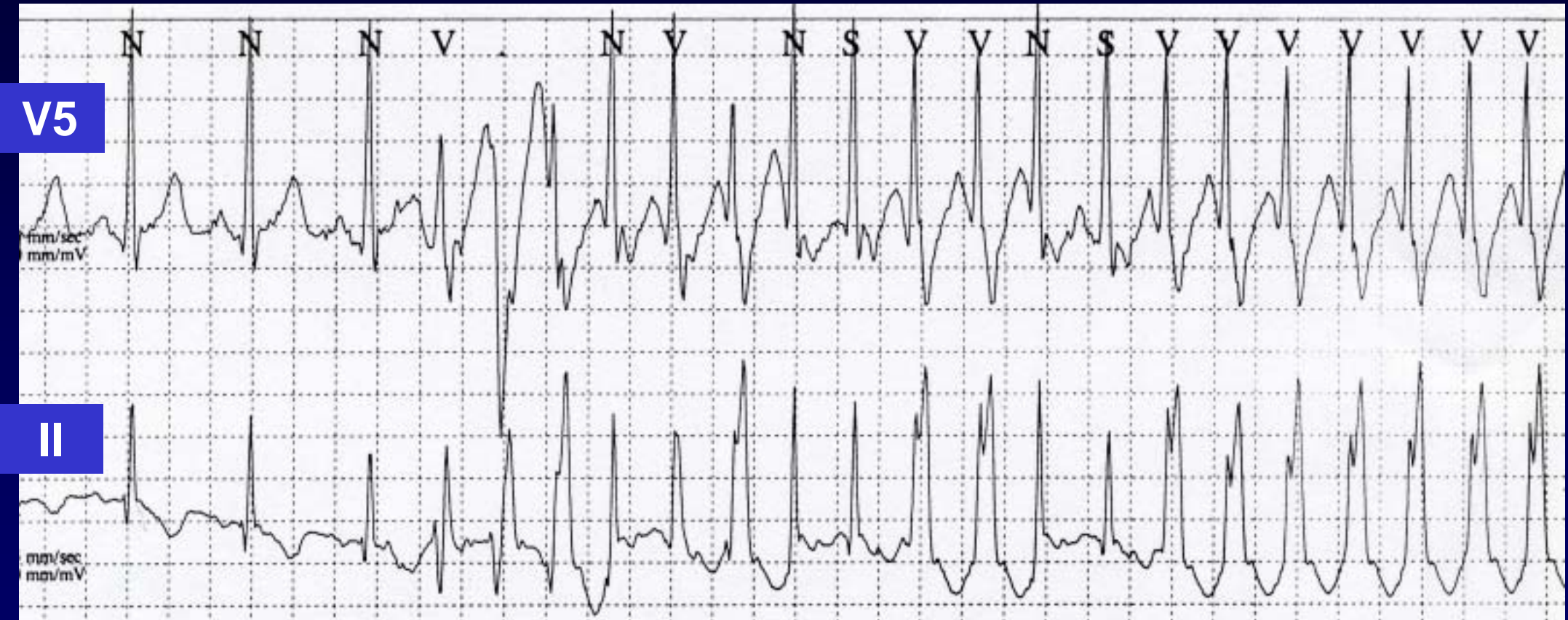
II

PSVT: P wave after QRS

2004-6-10



Holter monitoring



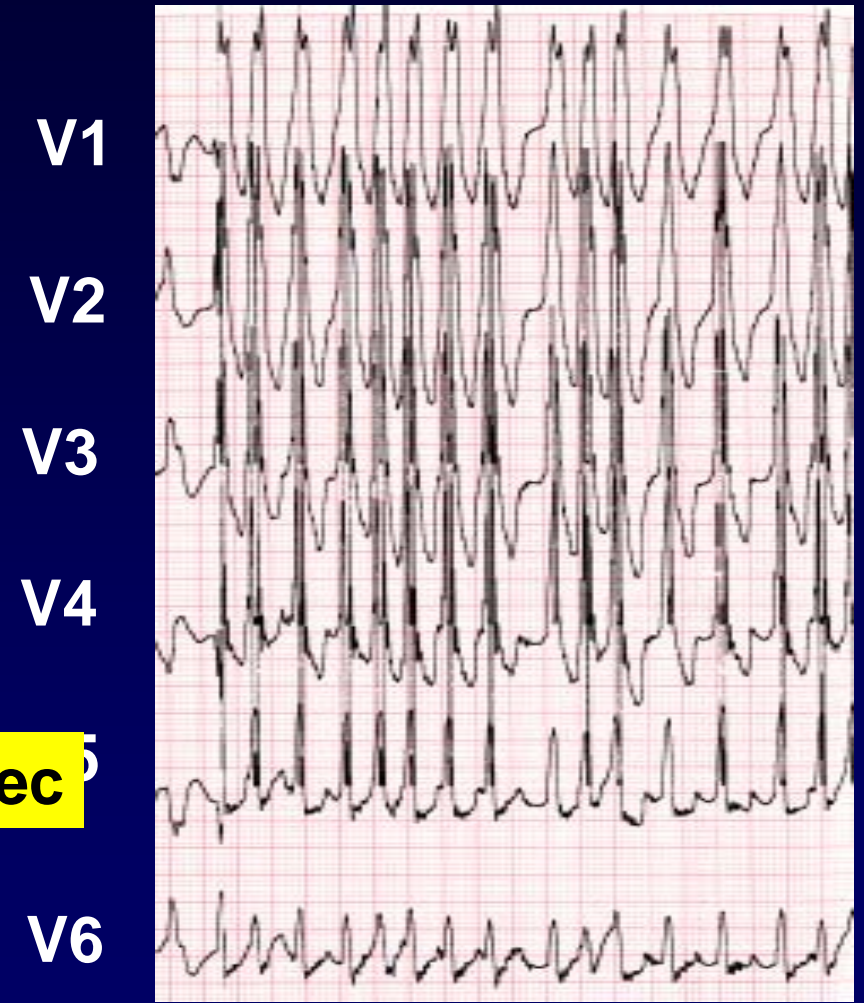
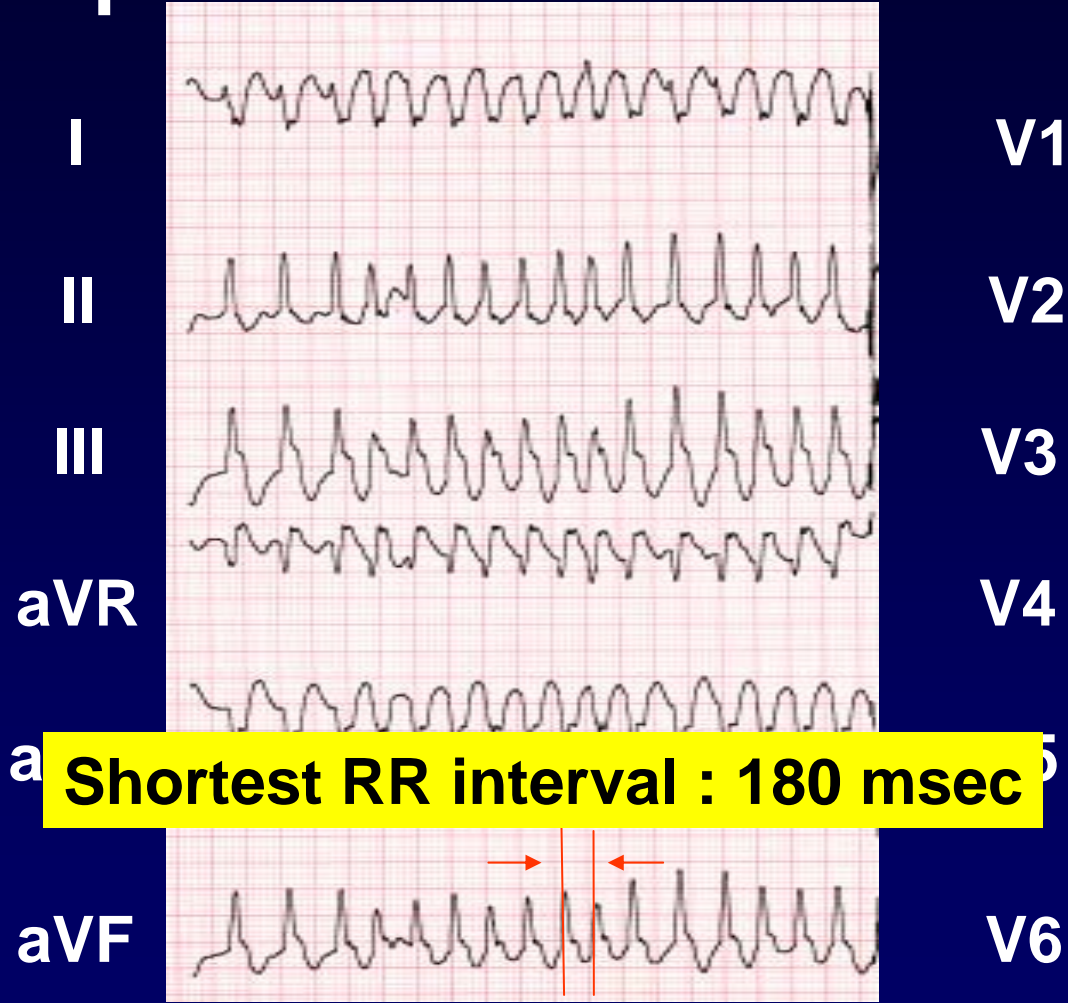
2004-6-10 13:24:27

AVRT with RBBB aberration?

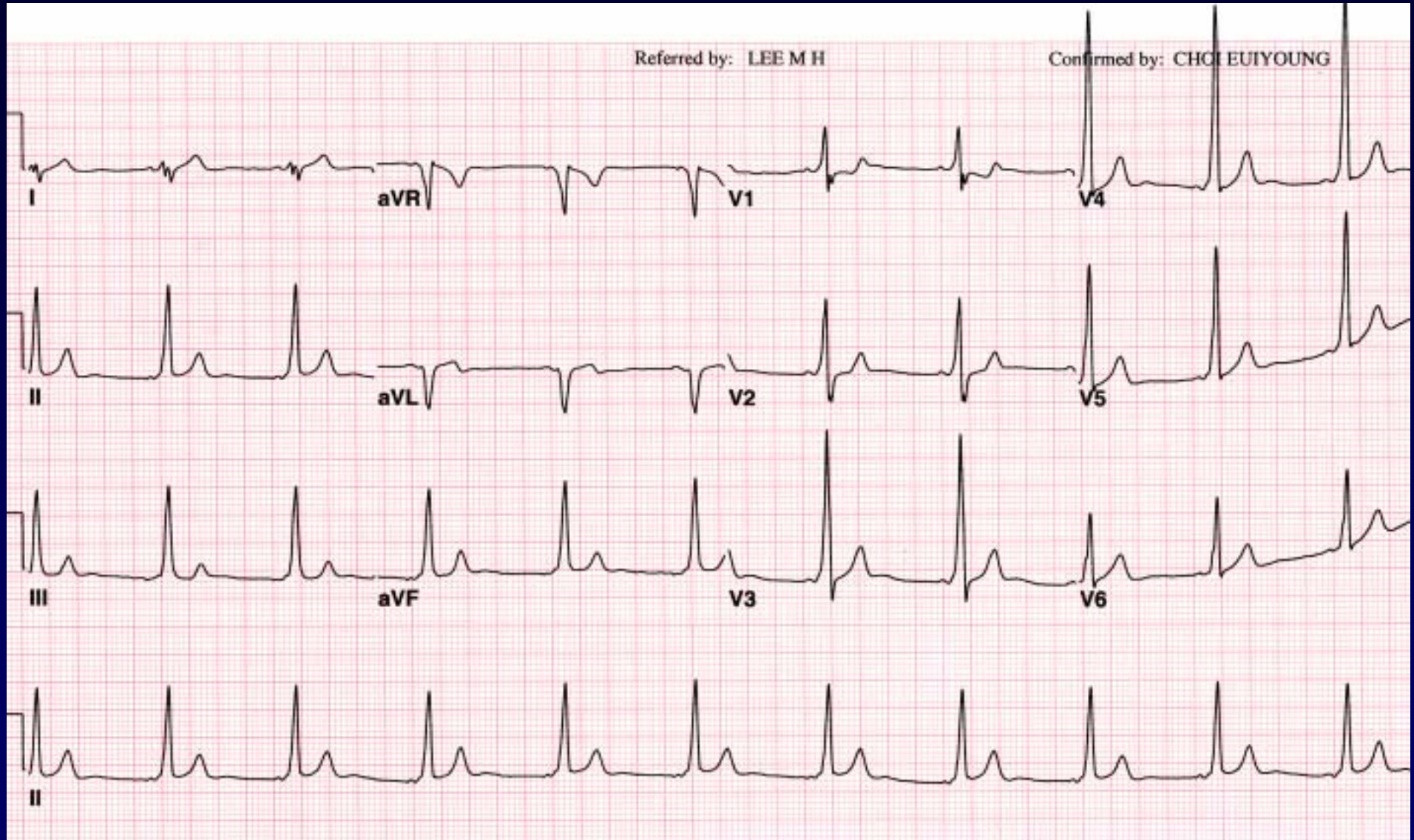
20/M ()

Palpitation for 15 hours -

EKG



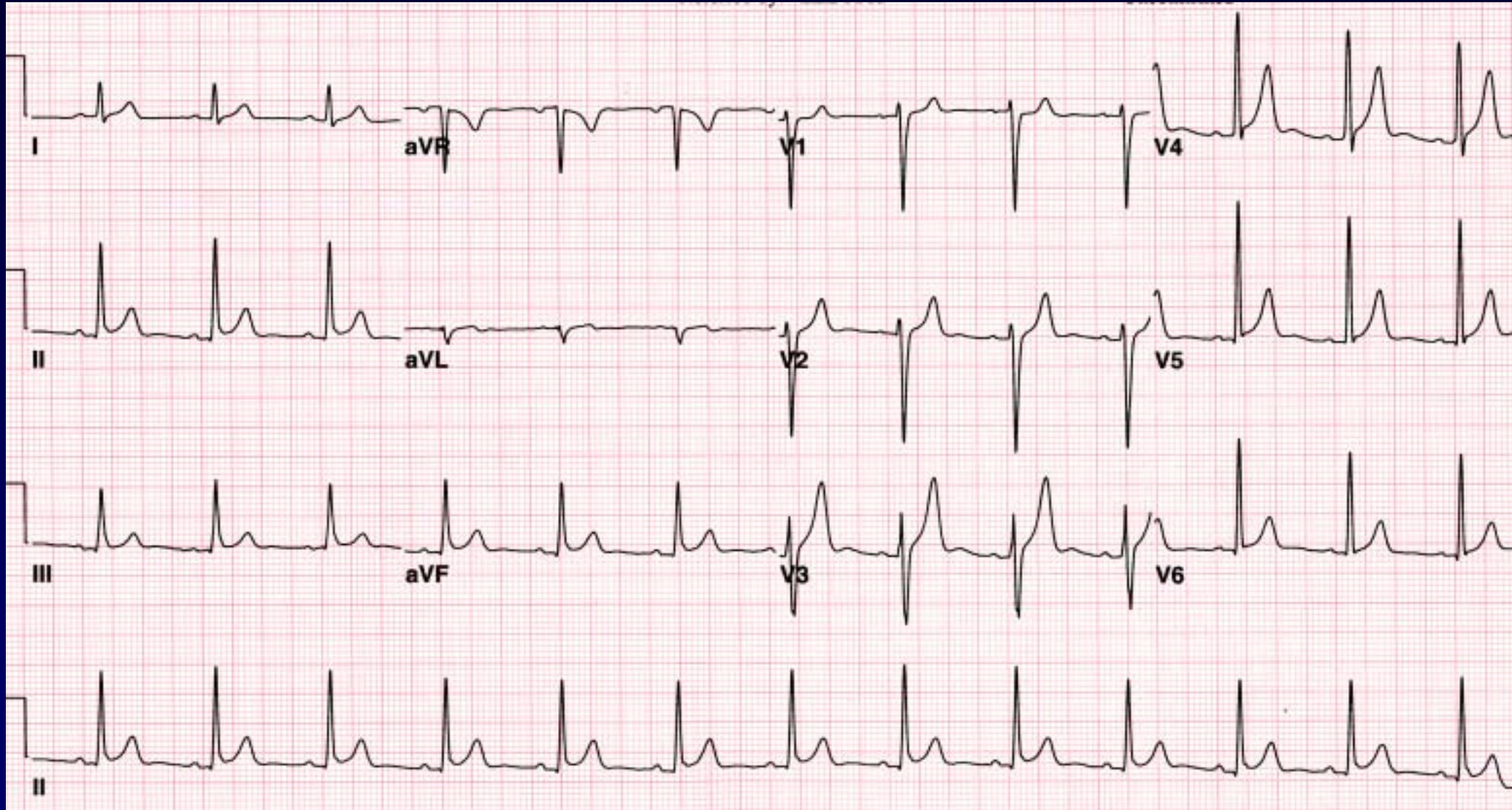
EKG



WPW syndrome with left lateral AP



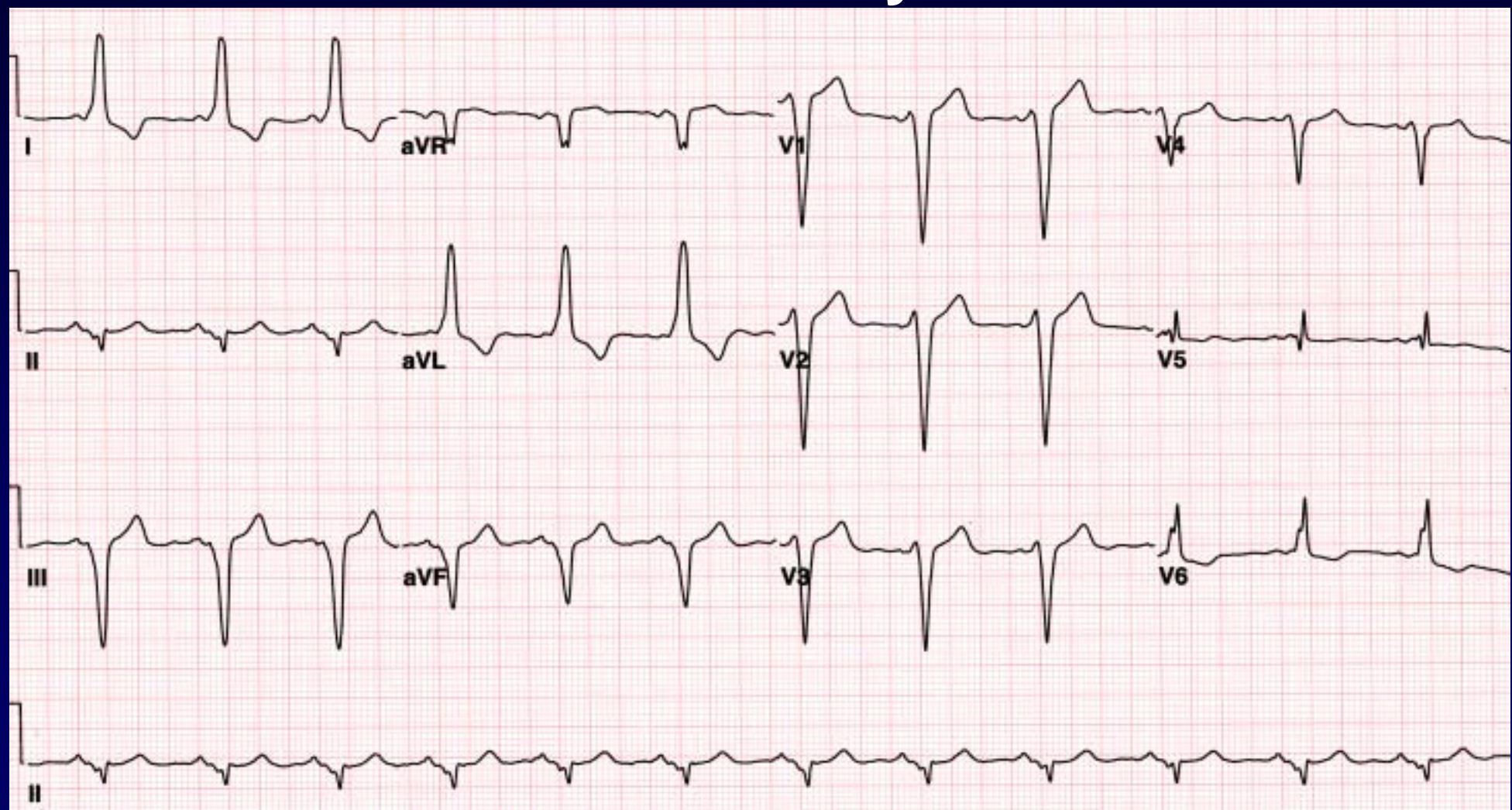
After RF ablation



51 F, 가

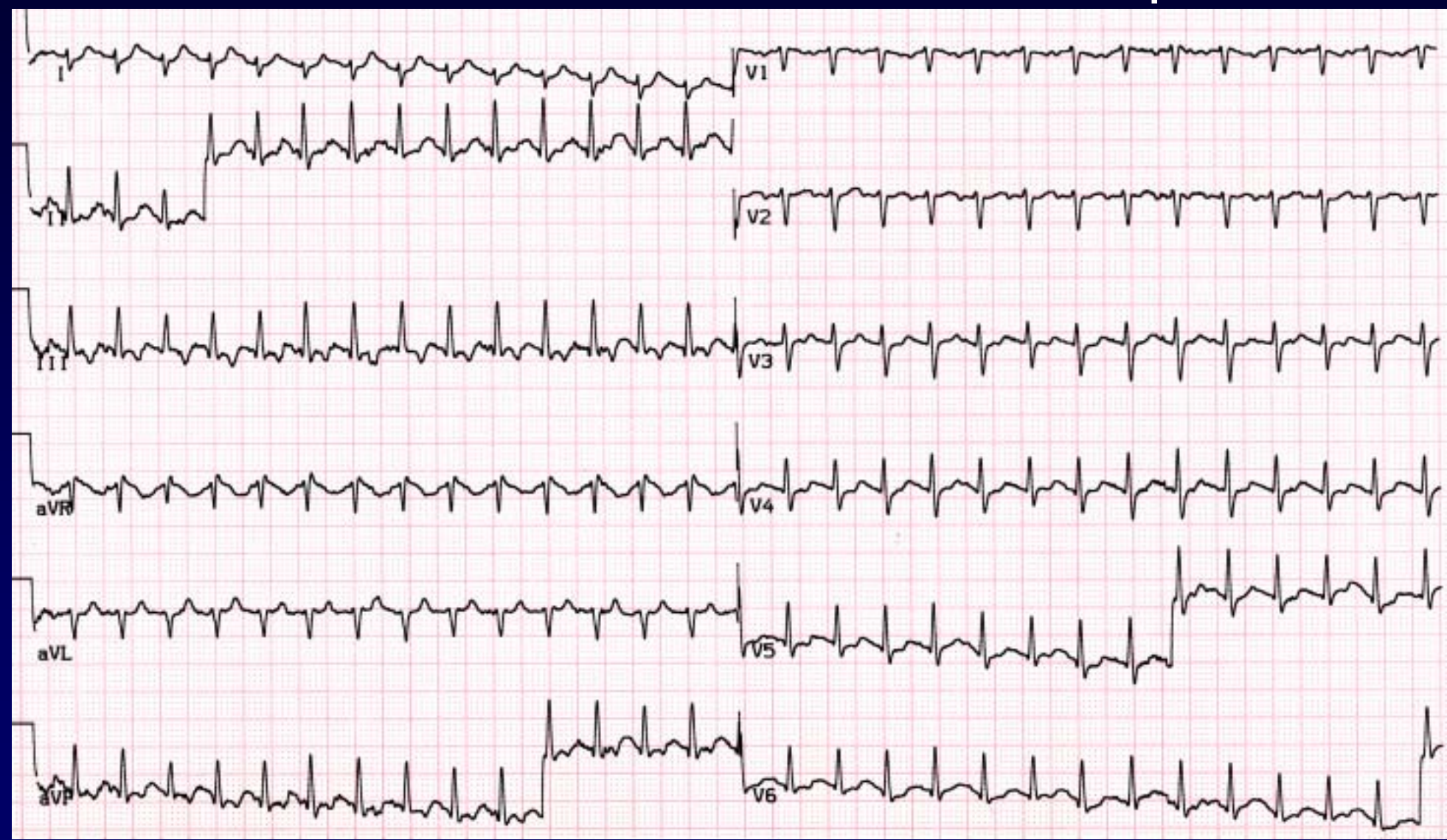
Referred for EKG abnormality

HR=75/min



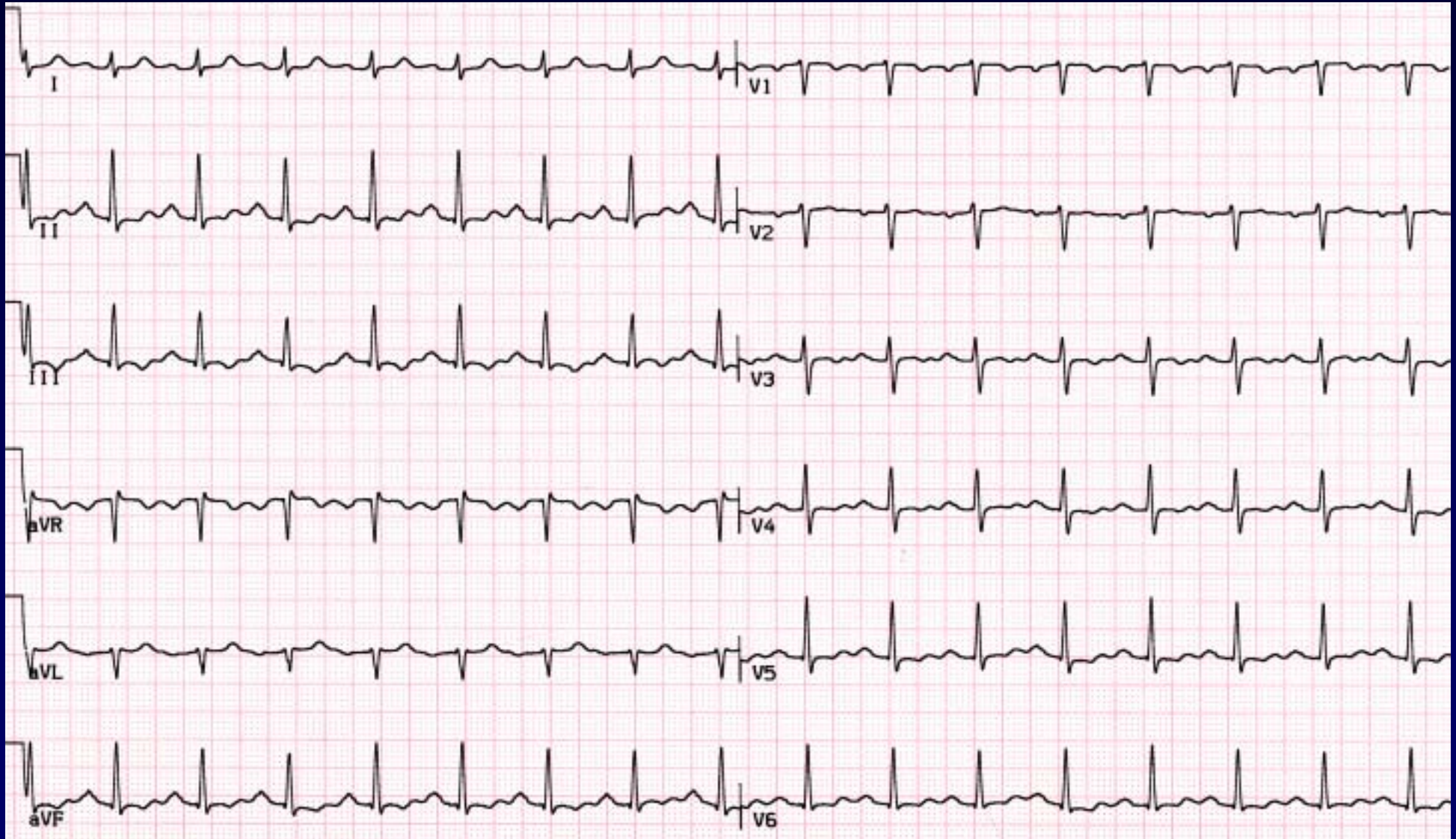
TMT stage IV

HR:184bpm 150/100 mmHg



TMT recovery

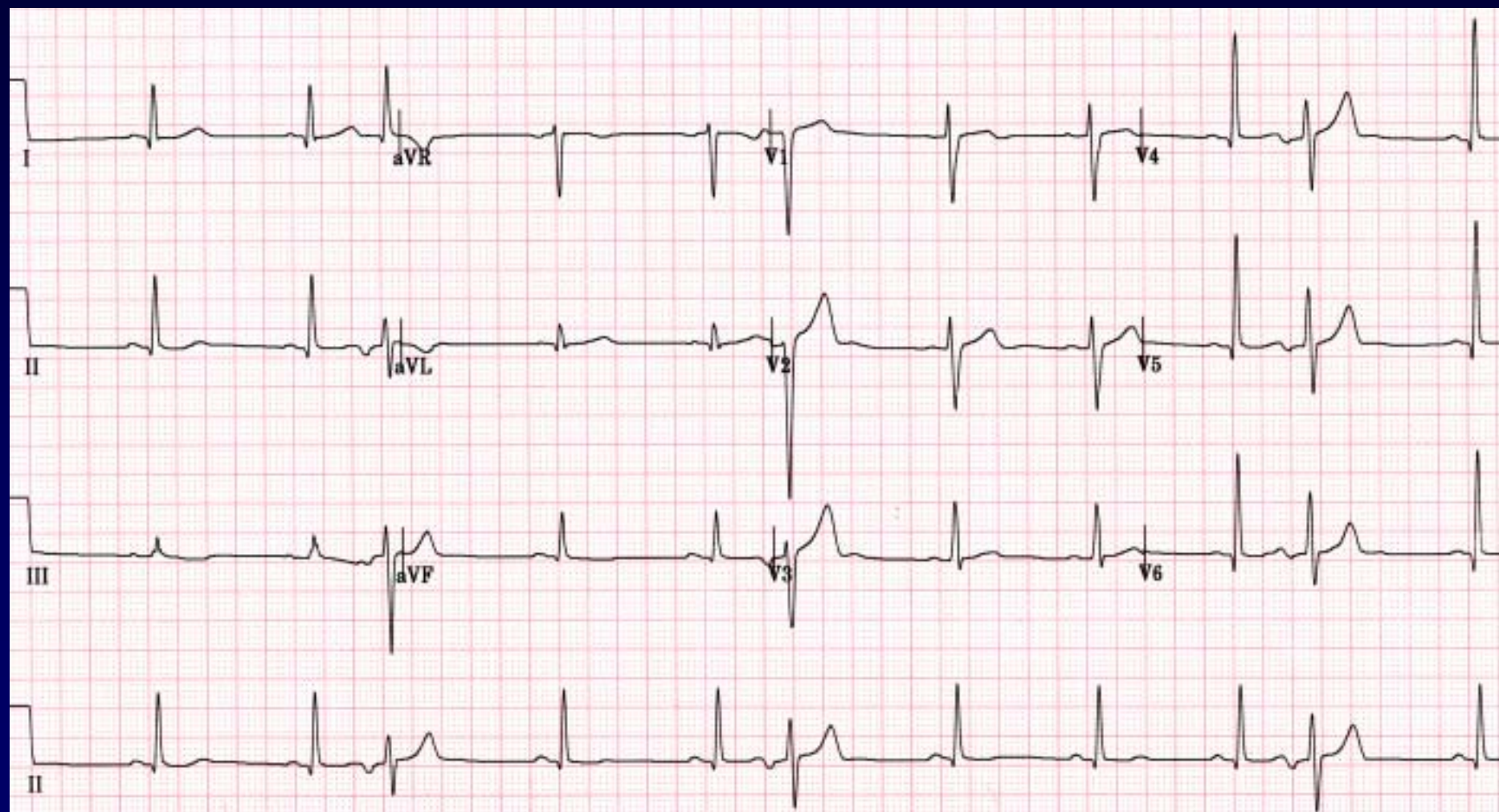
HR:101bpm 130/90 mmHg



20/M, ()

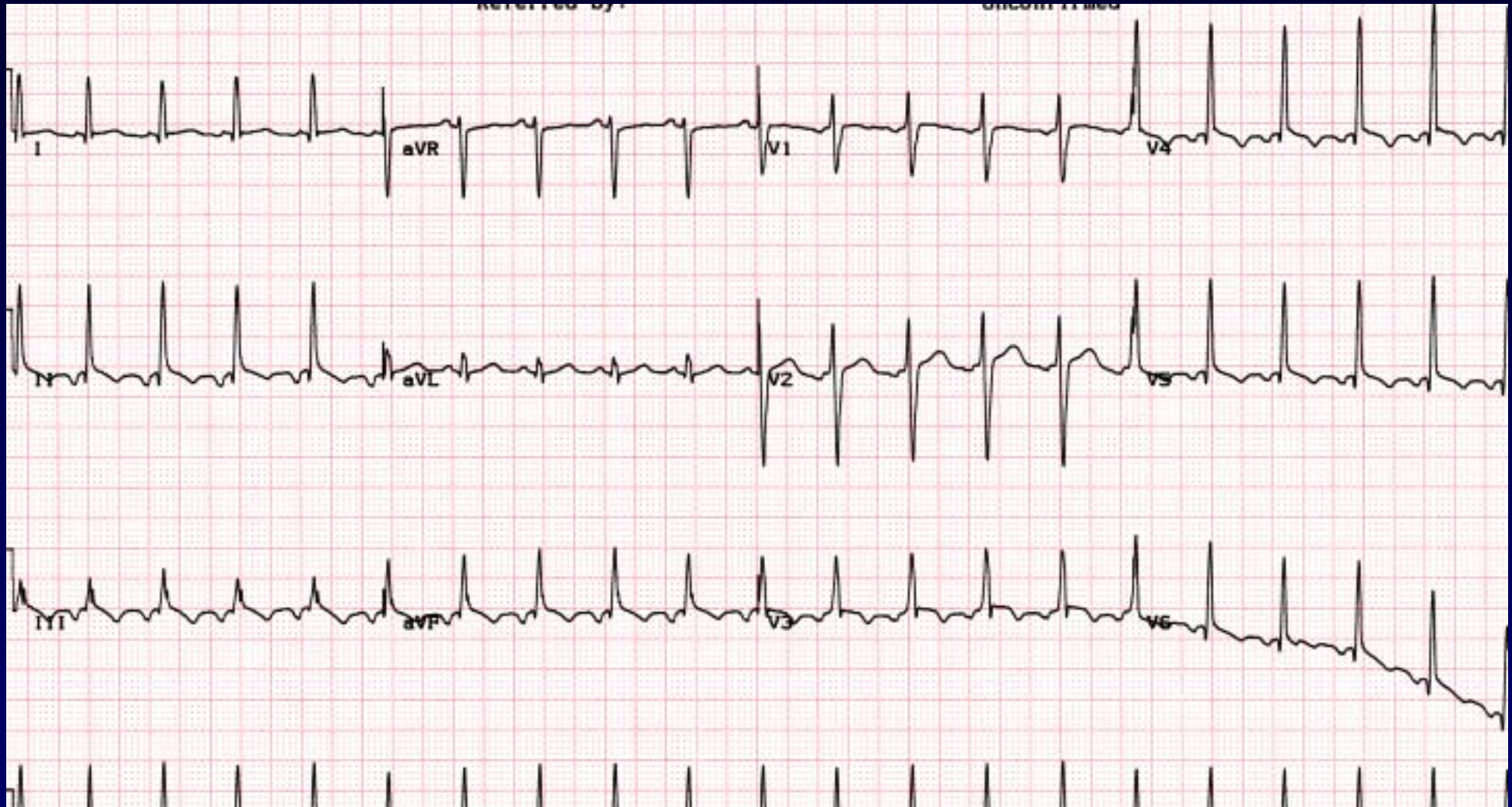
Intermittent palpitation for 2 years

HR 67 BPM



Palpitation

HR 120 BPM



Atrial tachycardia with abnormal p axis in front of QRS



Telemetry monitoring

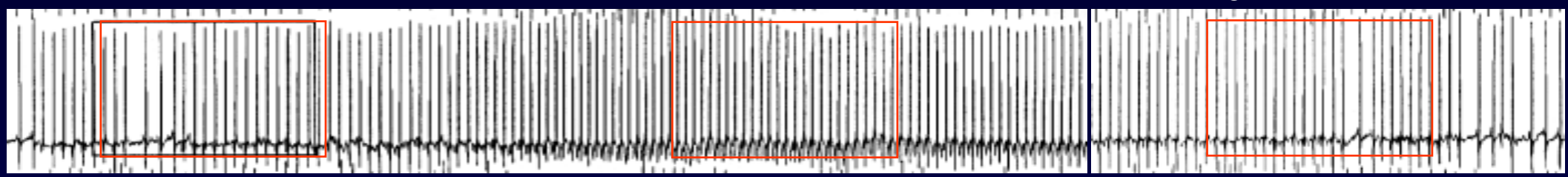
17:16:50

17:18:10

1

2

3

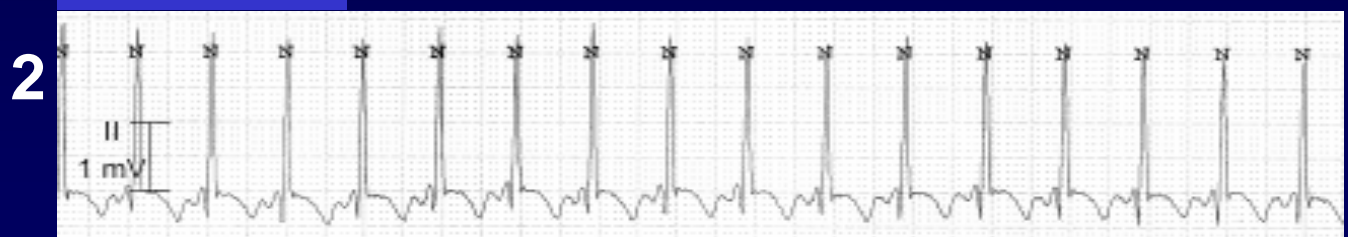


HR 102 BPM

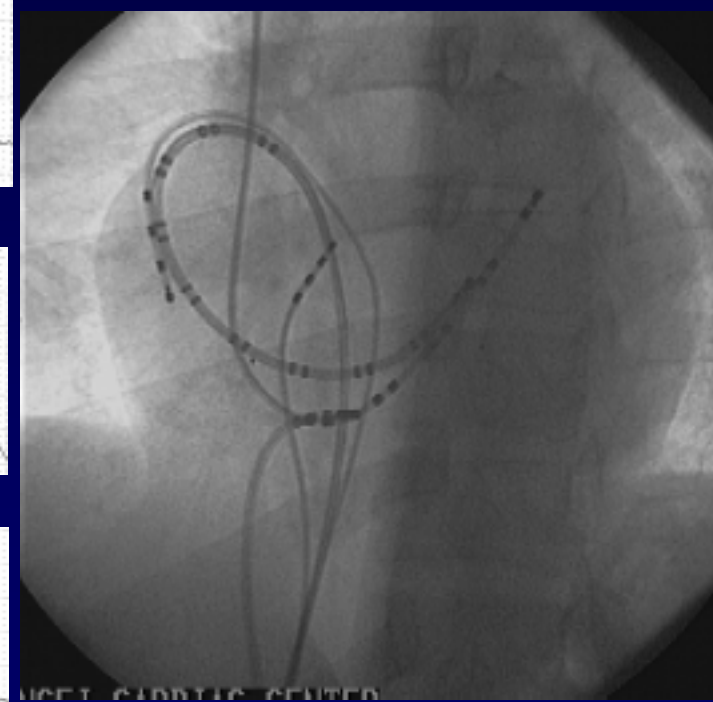
Warming up



HR 137 BPM



HR 108 BPM

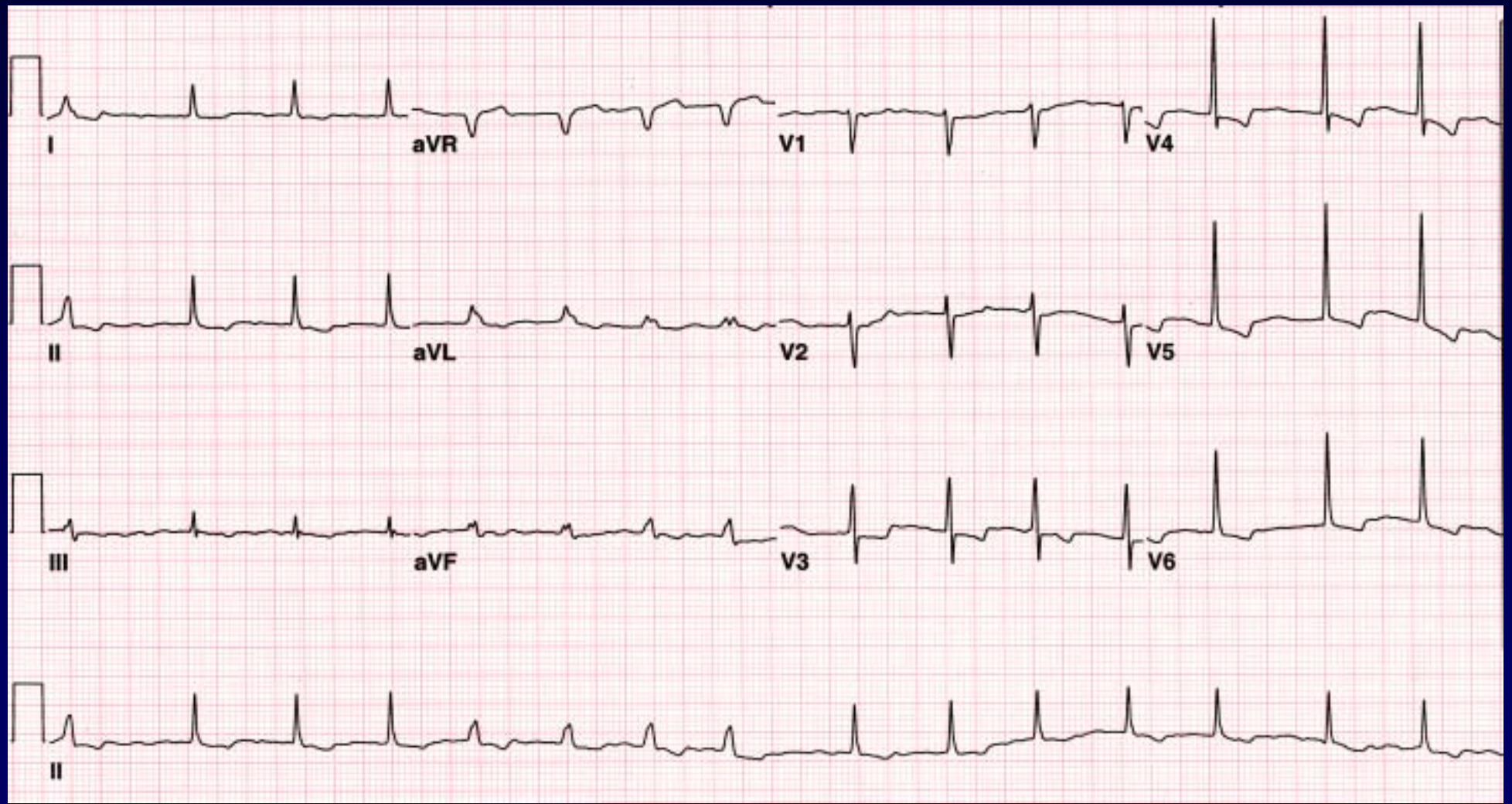


What is the mechanism ?

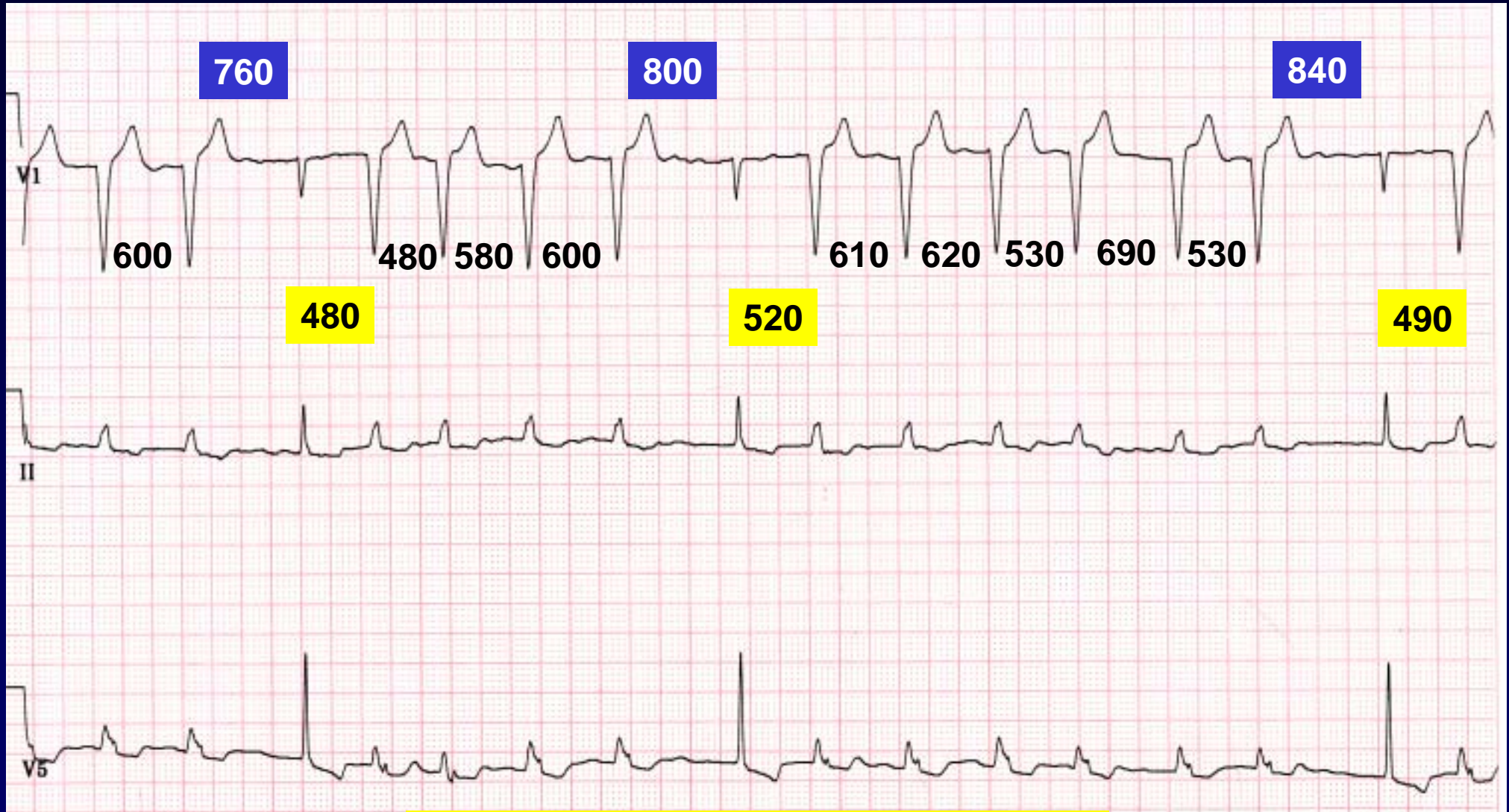
78 M

DM, HTN, A-Fib for 3yrs

HR=90/min



Rhythm strip



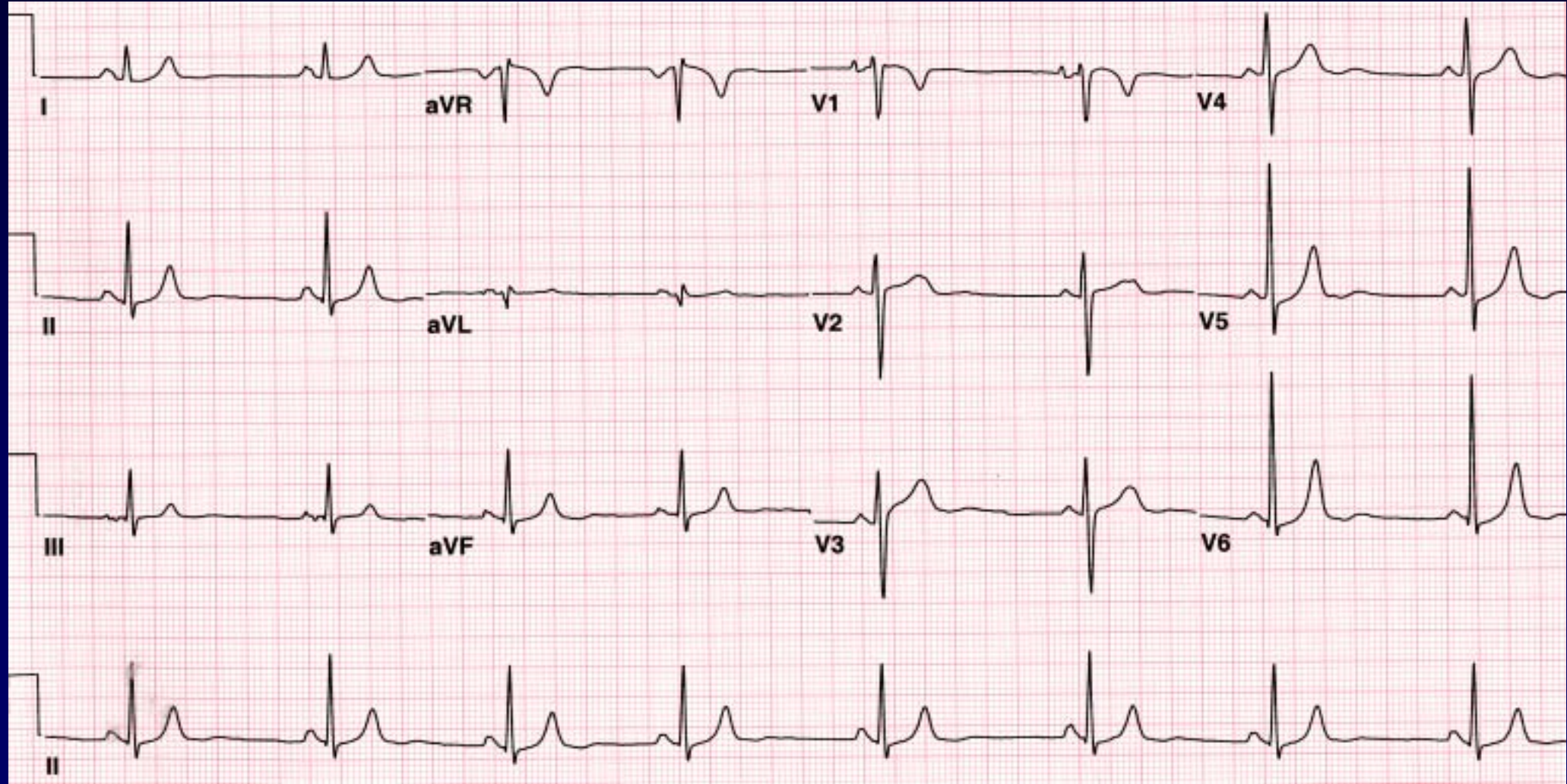
Rate-dependent LBBB



51 F, 가

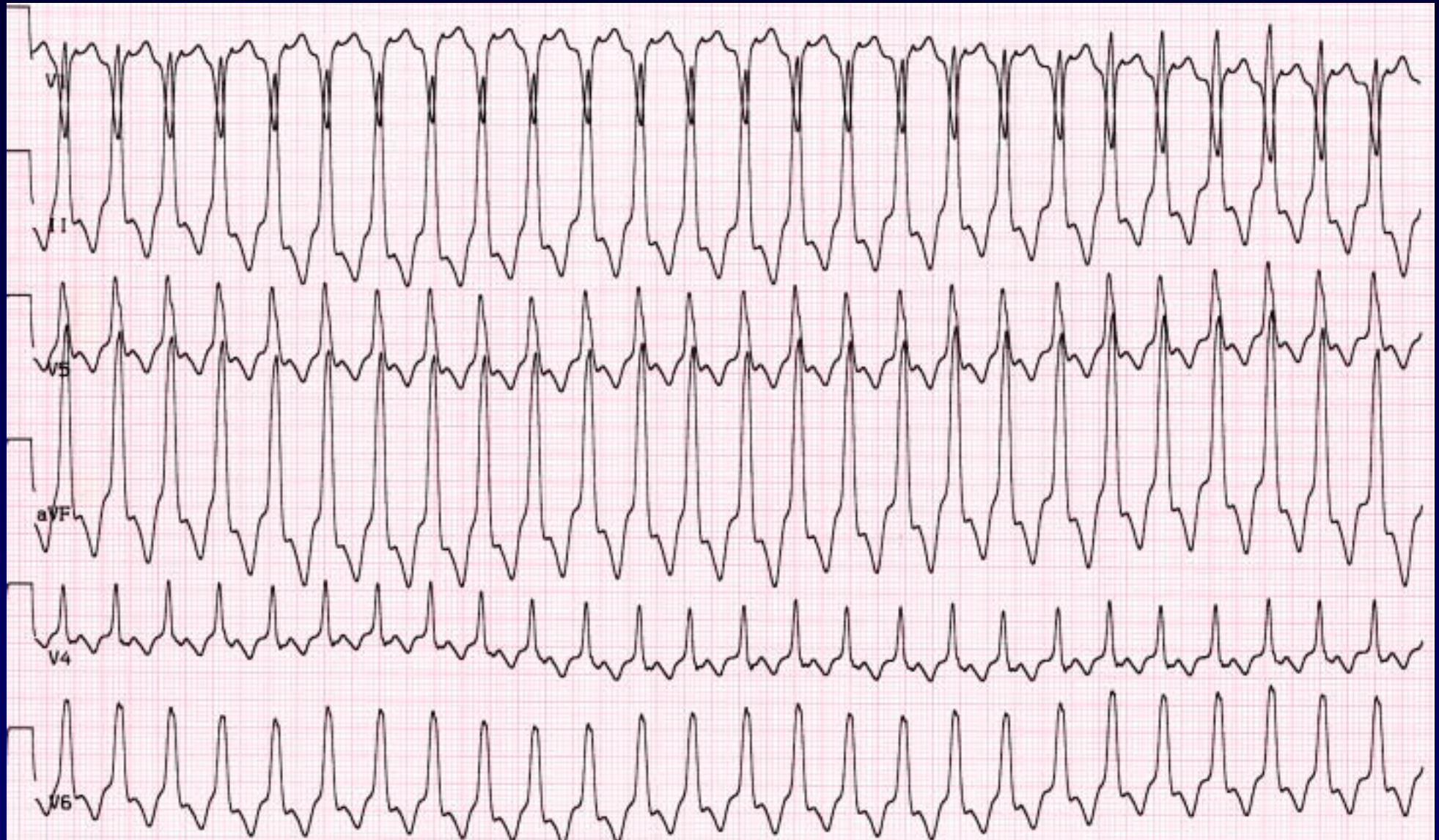
Intermittent palpitation

HR=48/min



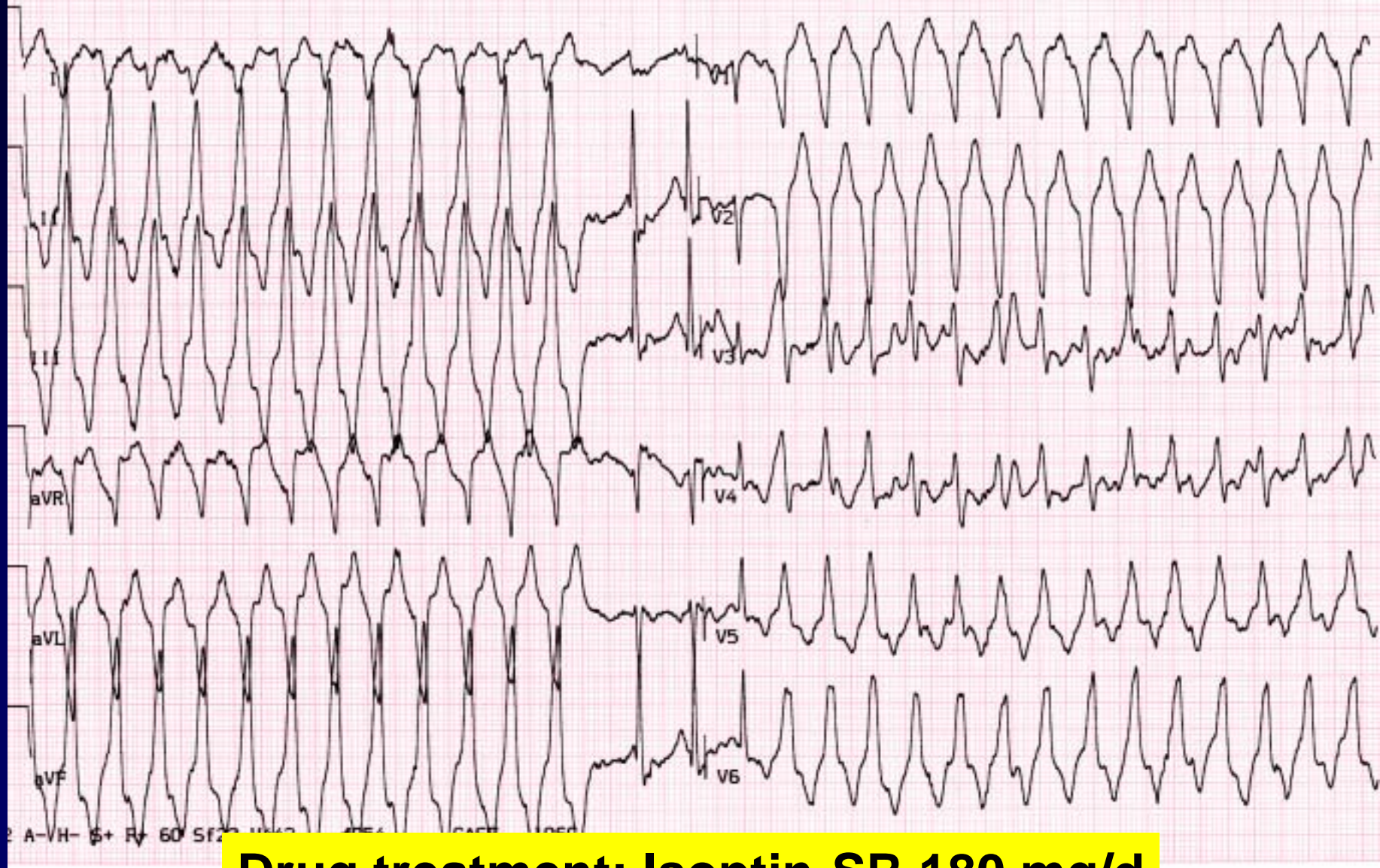
Hyperventilation

HR=149/min



TMT stage IV

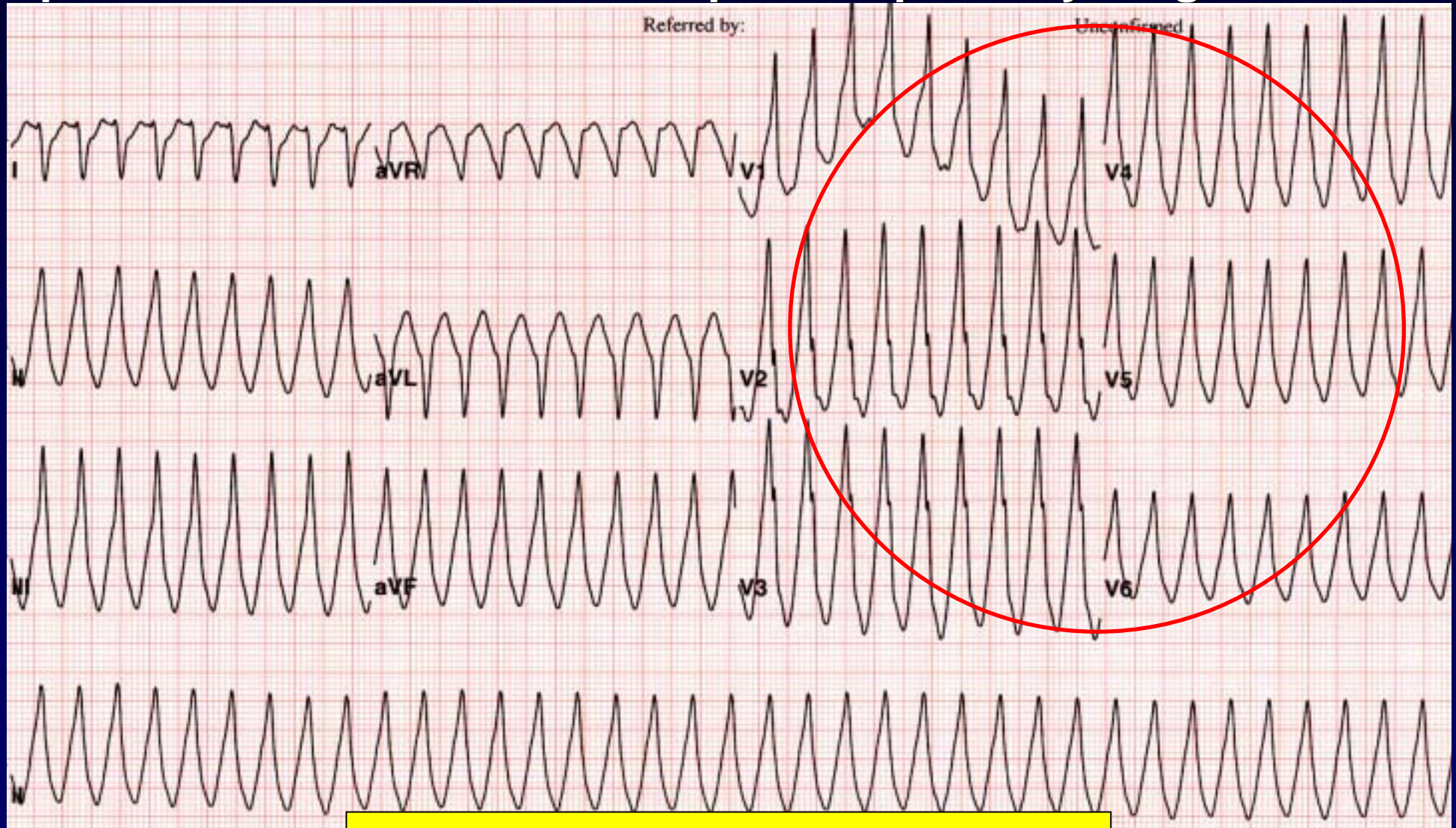
HR=181/min



Drug treatment: Isoptin-SR 180 mg/d

32 M,

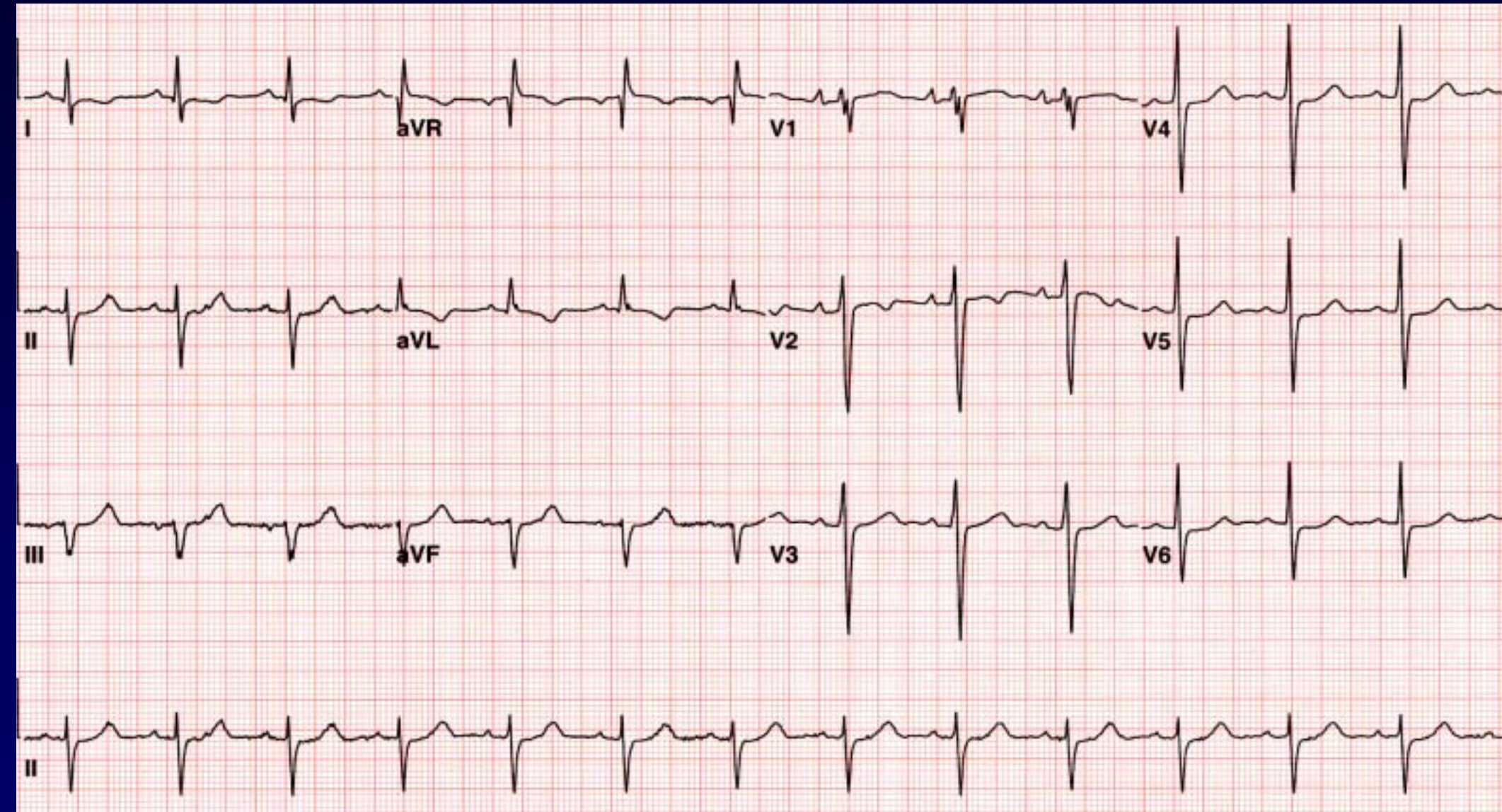
Palpitation for 8 hours, S/P VSD patch repair 18 yrs ago



RBBB, vertical axis, TCL 250ms



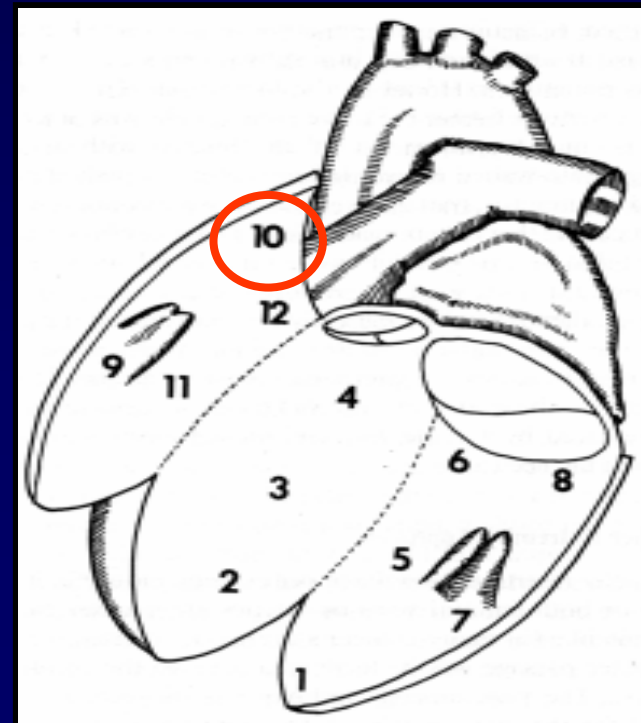
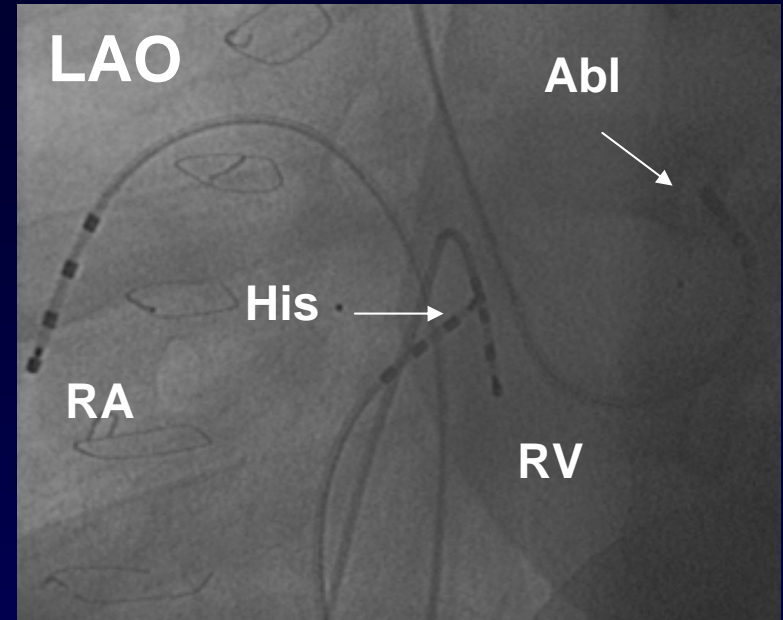
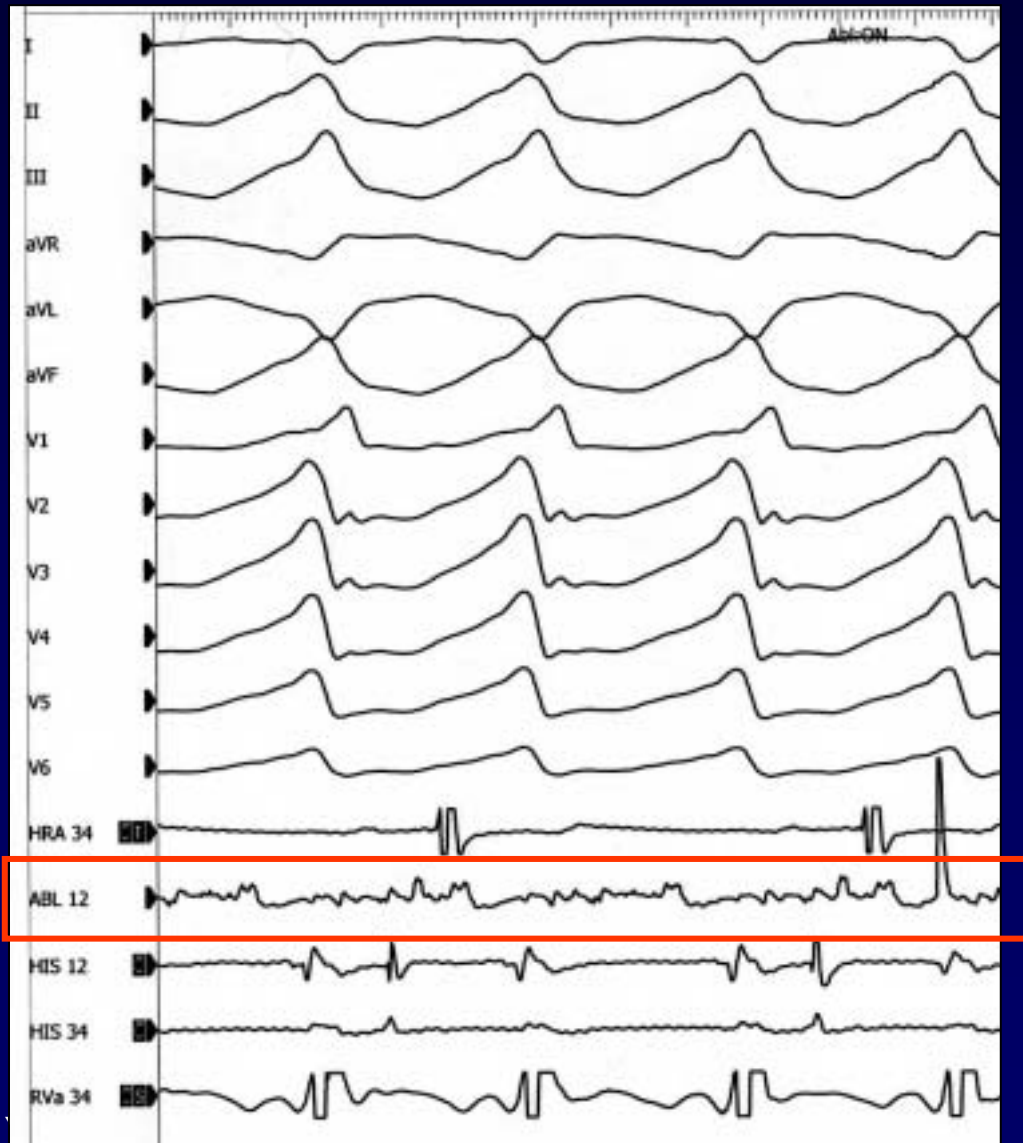
NSR



Termination after IV verapamil 10mg



Fractionated electrogram at LV #10 site



Typical configuration of QRS in wide QRS tachycardia

RBBB

LBBB

