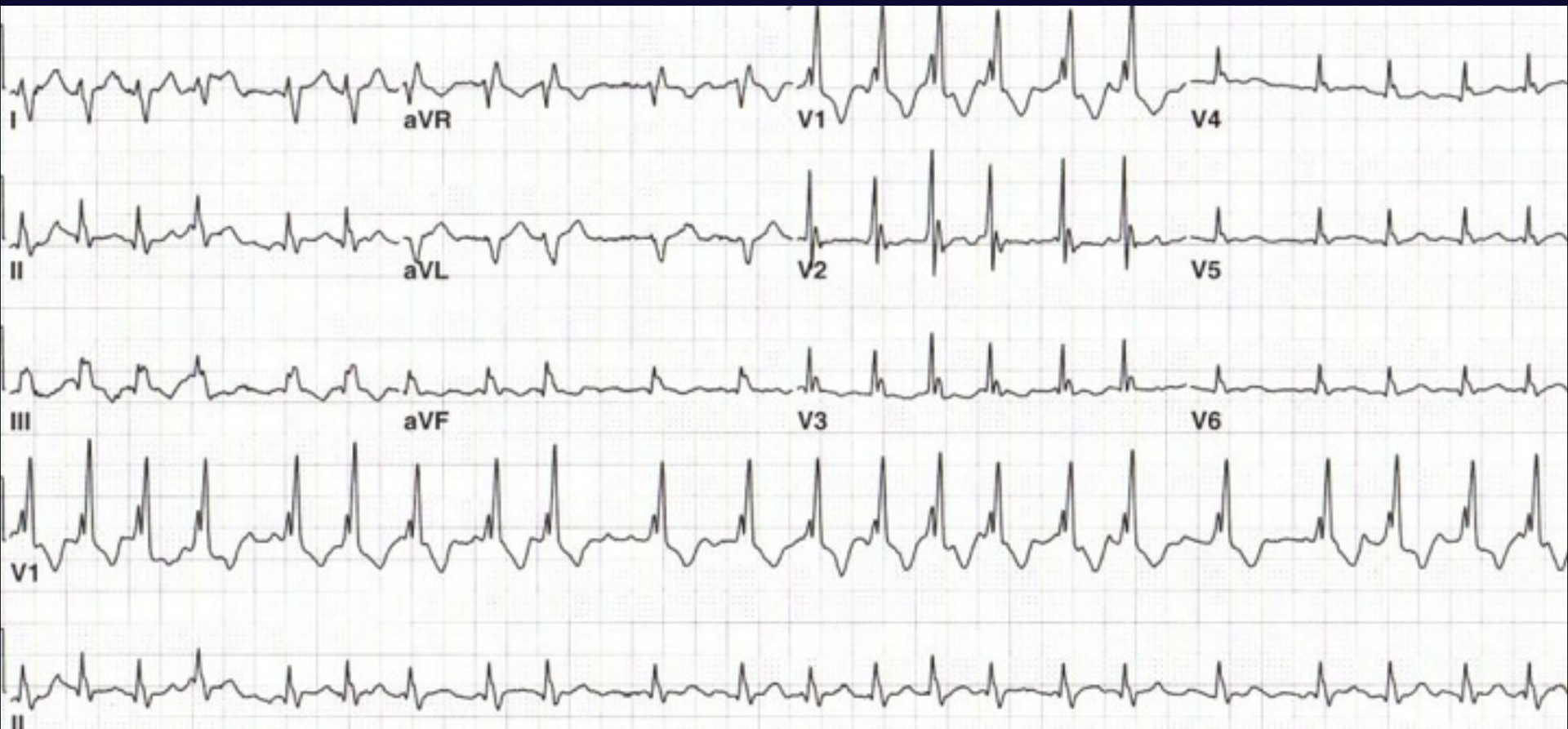


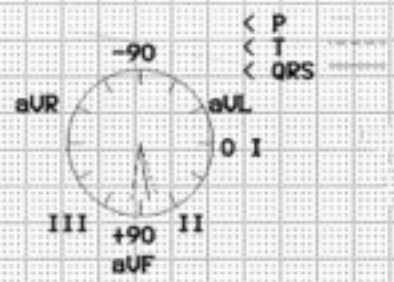
ECG Quiz 2

1. Describe the ECG findings ?
2. What is the clinical significance of these findings?



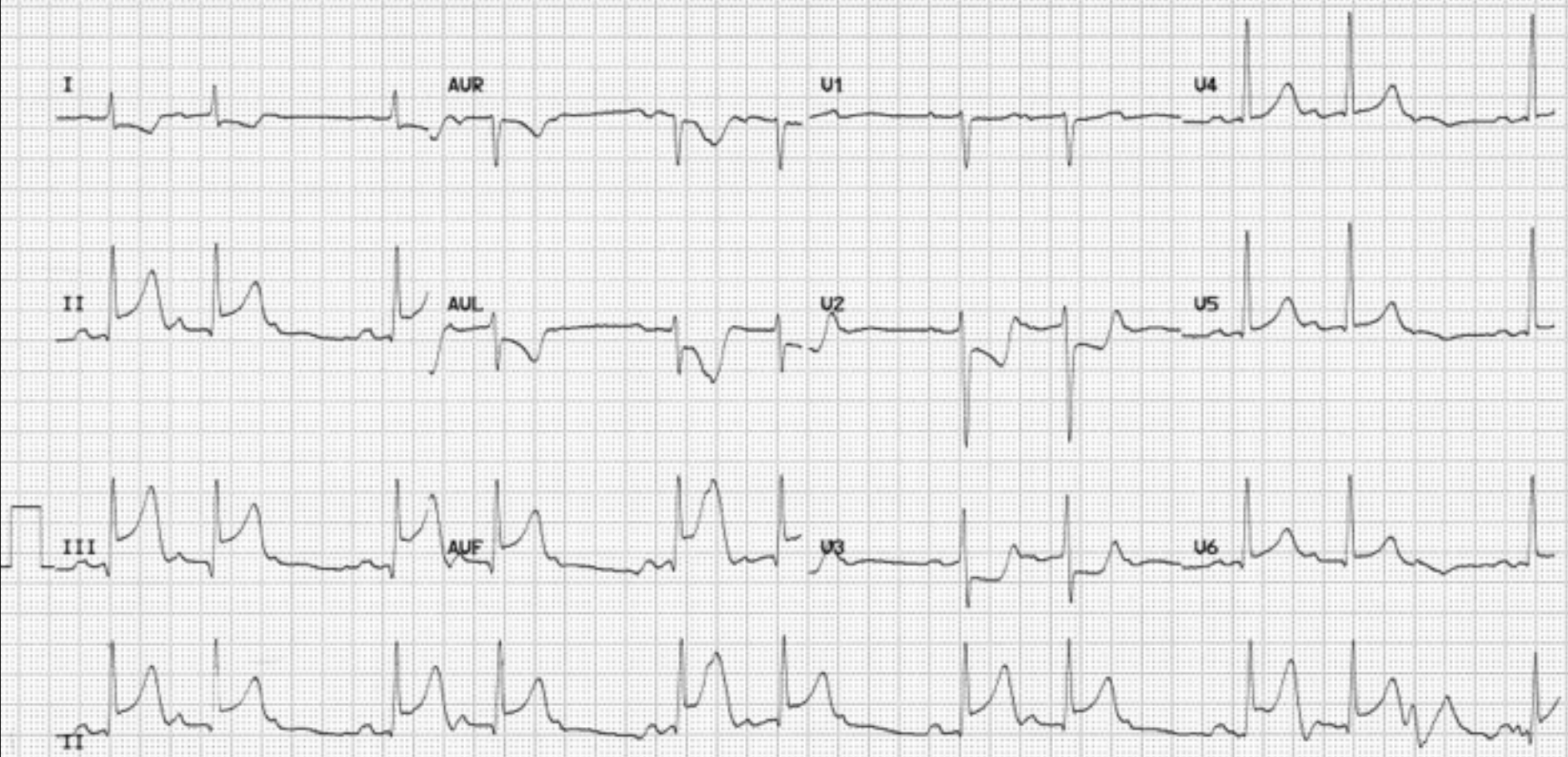
Measurement Results:

QRS	:	88	ms
QT/QTcB	:	414 / 423	ms
PR	:		ms
P	:		ms
RR/PP	:	688 / 655	ms
P/QRS/T	:	71 / 81 / 99	degr

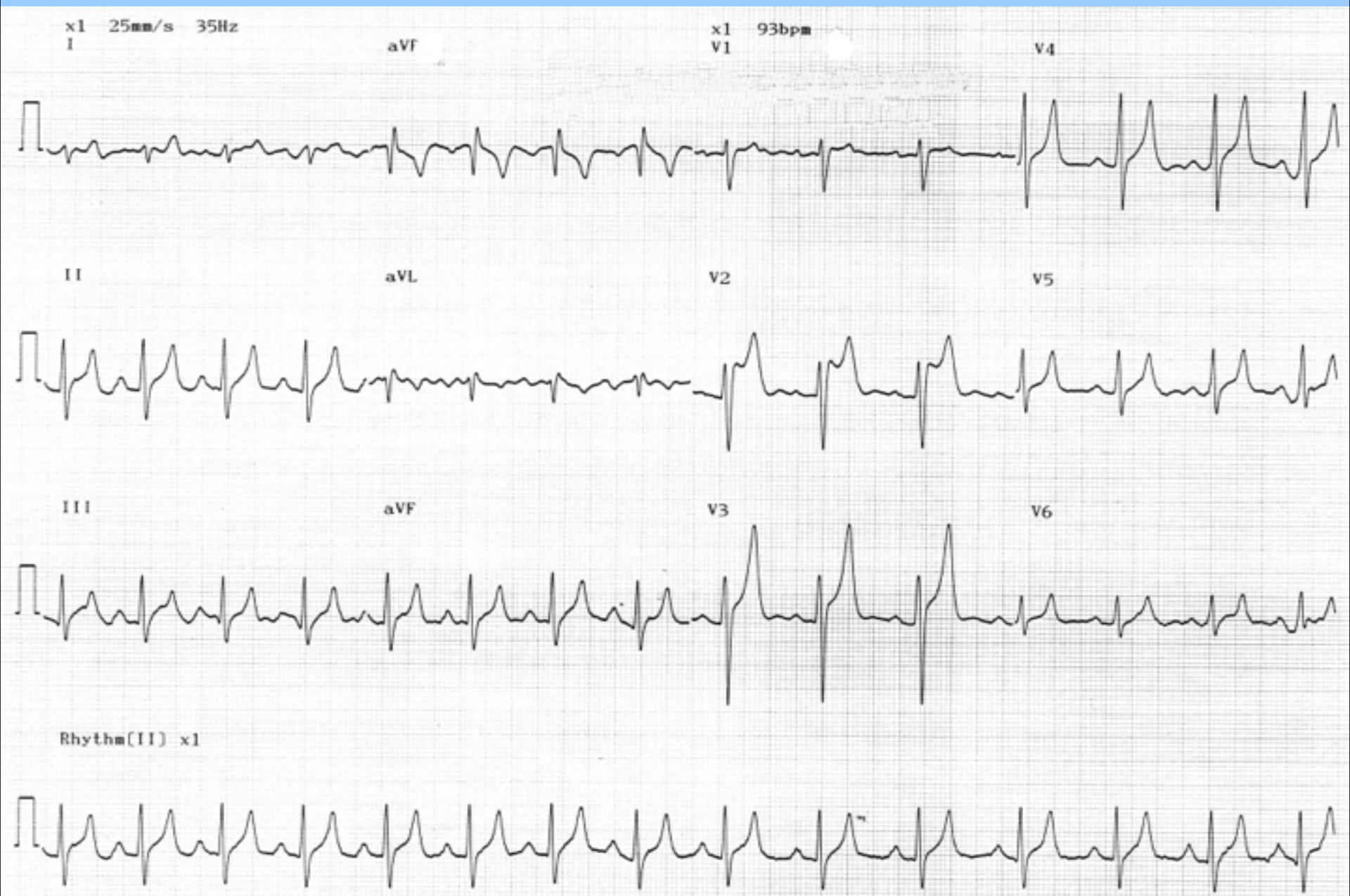


1. What is this rhythm ?
2. What is the cause ?
3. What treatment is required ?

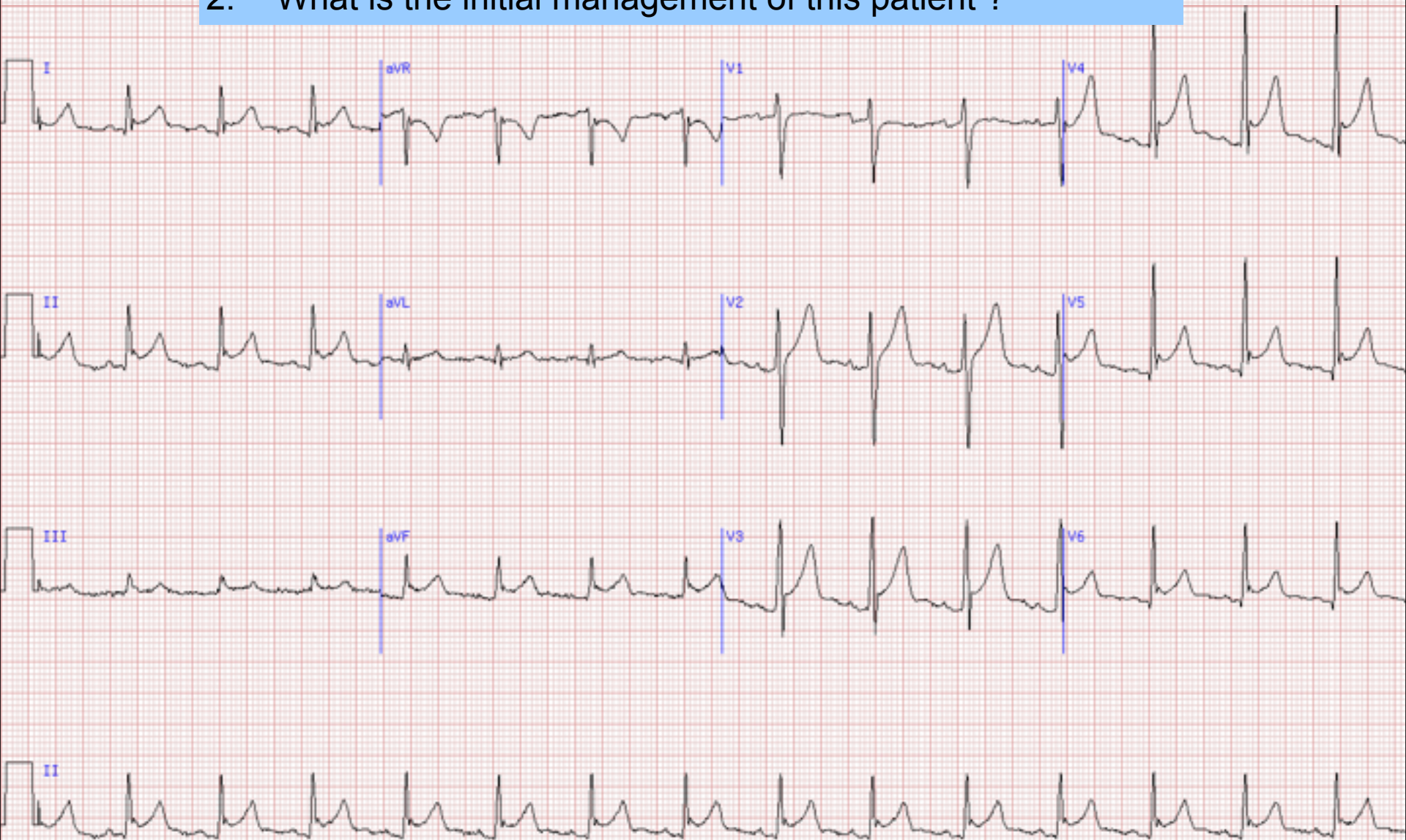
Unconfirmed report.



1. This is the ECG from an unwell diabetic woman – what abnormality can be seen, what is the cause and how would you manage this patient ?

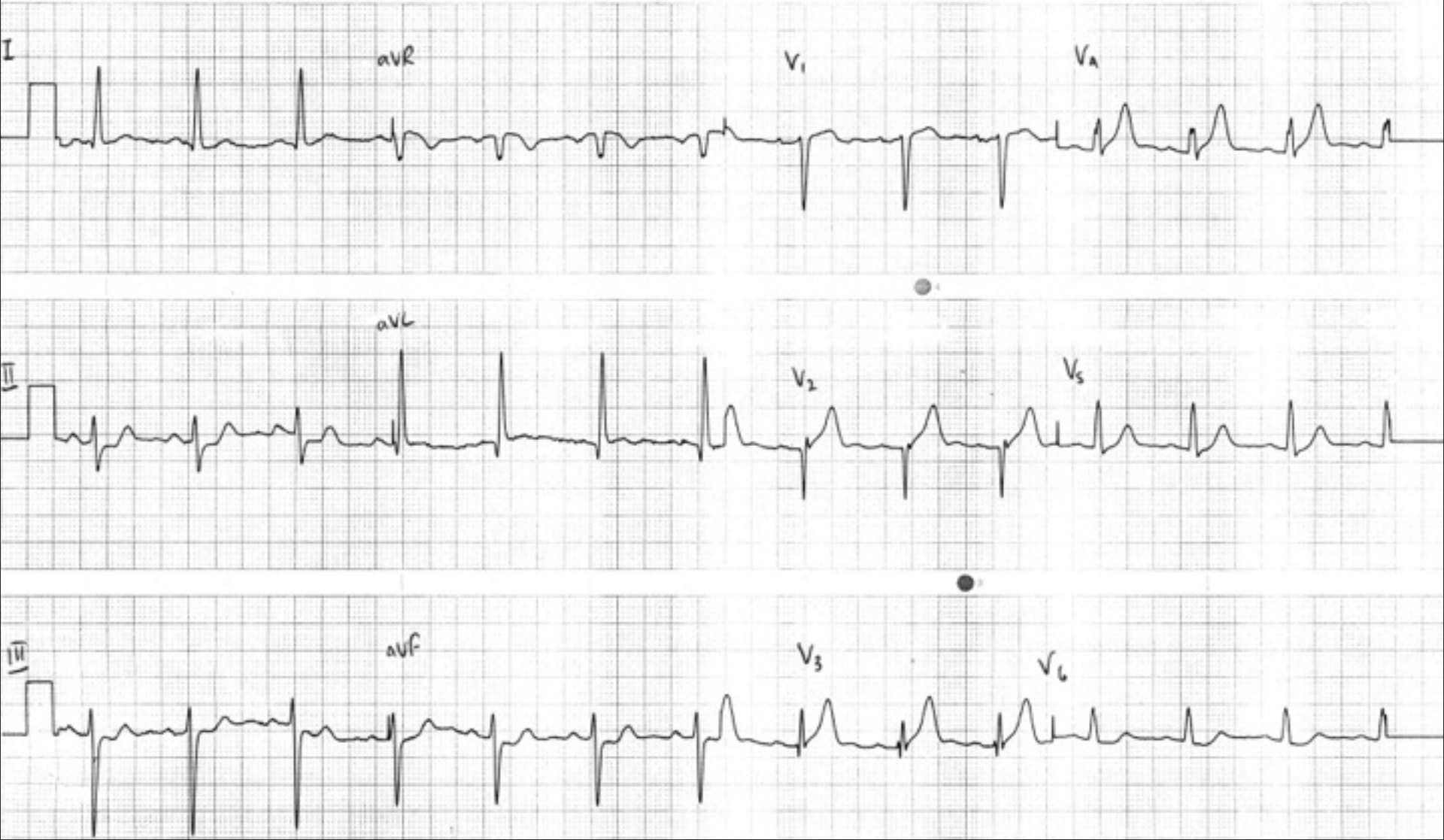


1. This young man has positional chest pain - what is the diagnosis ?
2. What is the initial management of this patient ?



DR. J. G. ...
I-aVR-V1-V4 ID 110297405 Loc 18
II-aVL-V2-V5 50yr 999in 999lb Cau M
III-aVF-V3-V6 Med: none
Time: 16:25 11.02.97
Room: 12
25mm/s
10mm/mV
100Hz
Option: 51 BP 0/0
Vent. rate 80 BPM
PR interval 176 ms
QRS duration 96 ms
QT/QTc 352/404 ms
P-R-T axes 51 -34 51

1. How would you manage this patient with chest pain ?
2. If the ECG were to be repeated in 30 minutes, what changes would you expect to see ?



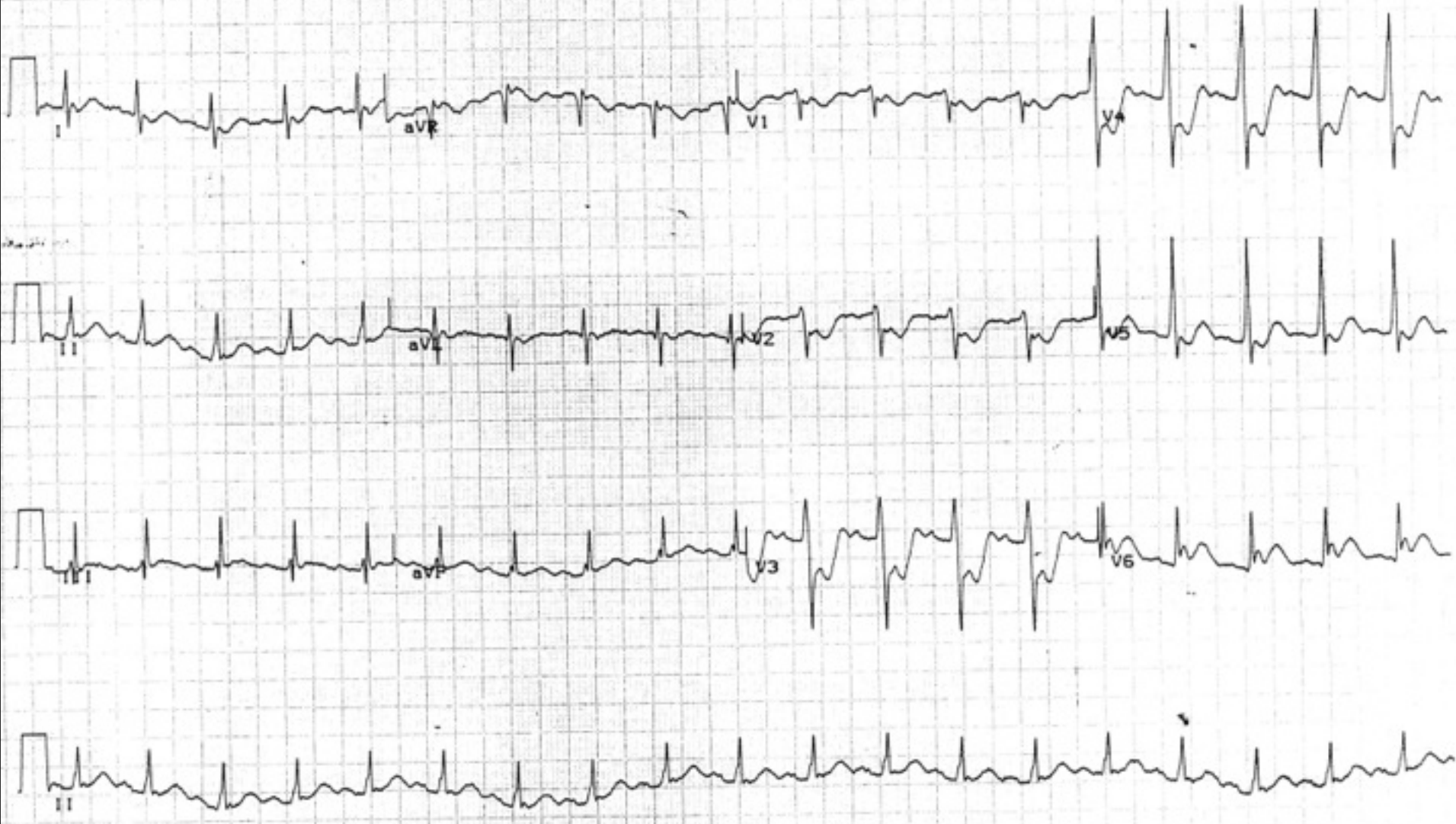
25mm/s
10mm/mV
40Hz
Pgs 007B
v206

Med:
Age: Ht: Wt:
Sex: Race:
Loc: Room:

Vent. rate 114 BPM
PR interval 176 ms
QRS duration 104 ms
QT/QTc 336/459 ms
P-R-T axes 51 73 59

1. What is the diagnosis ?
2. What further investigation would confirm your diagnosis ?
3. What is the initial management of this patient ?

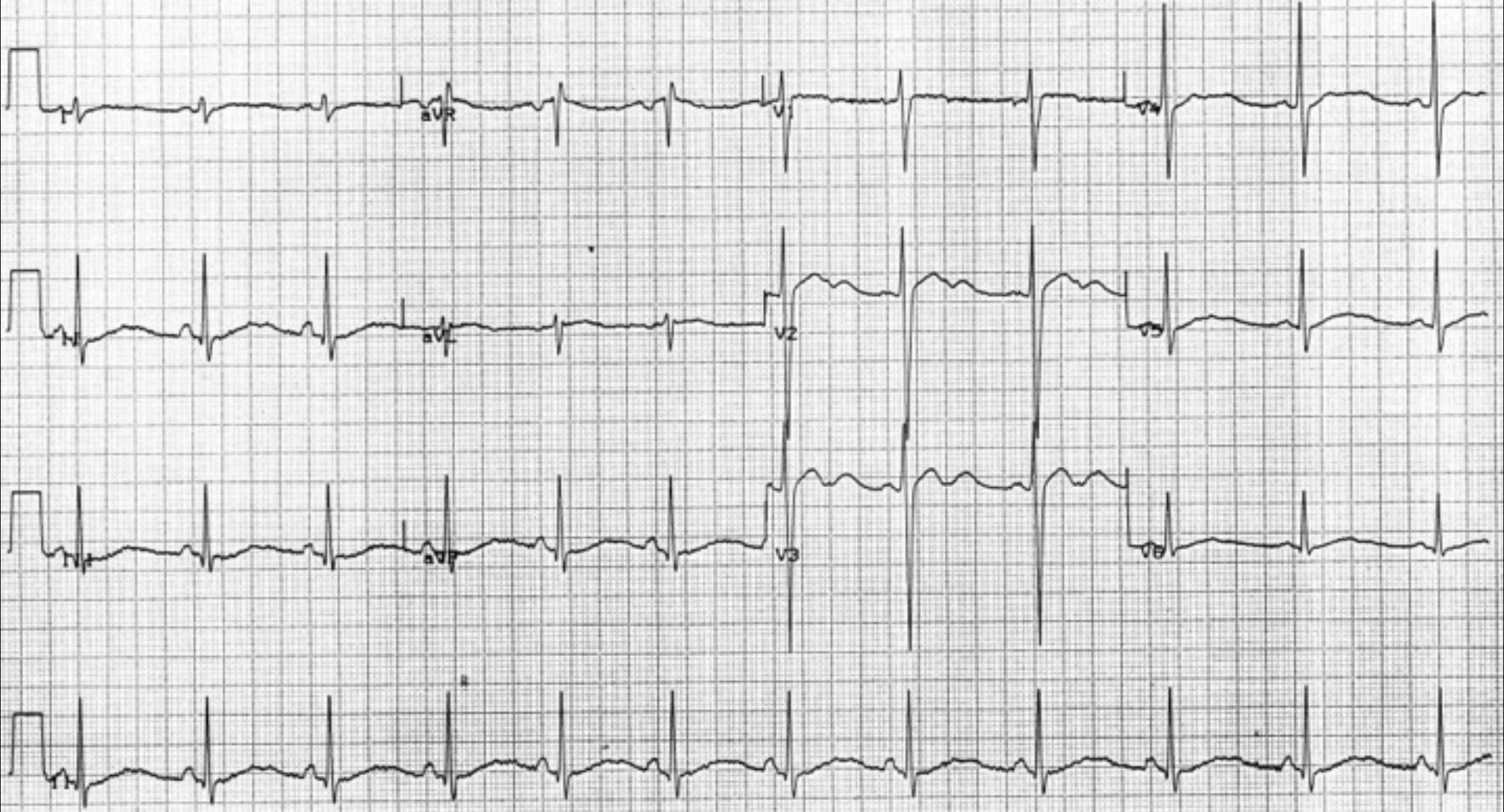
Referred by: Unconfirmed



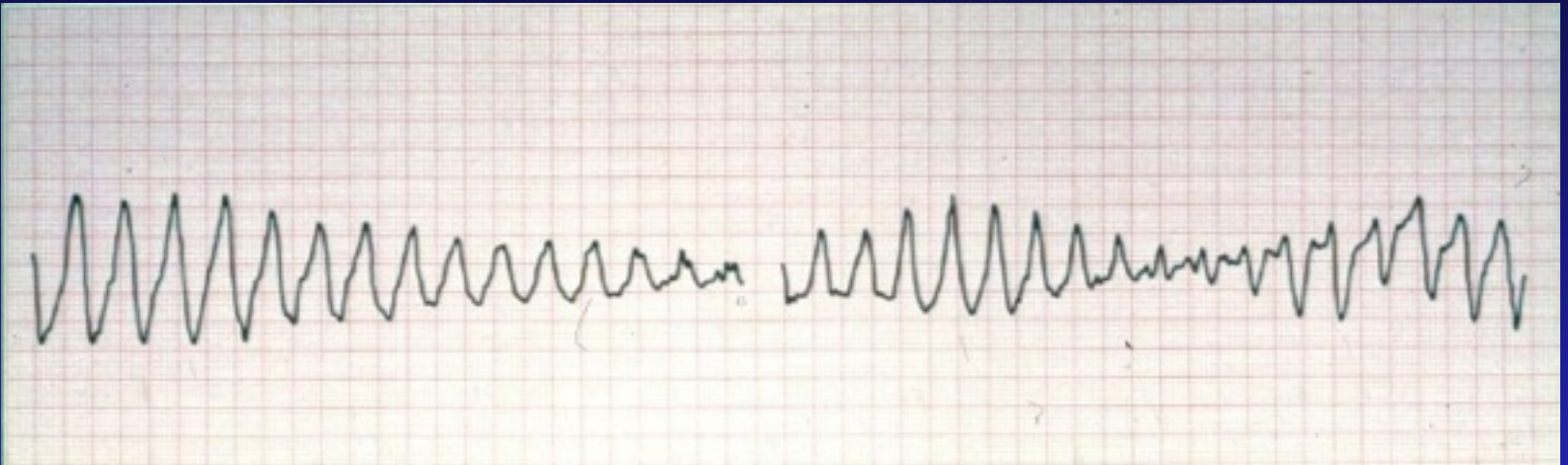
25mm/s Med:
10mm/mV Age: Ht: Wt:
40Hz Sex: Race:
Pgm 006A Loc: Room:
v206
Vent. rate 70 BPM
PR interval 140 ms
QRS duration 100 ms
Cart: 1 QT/QTc 360/384 ms
Tech.: P-R-T axes 70 87 39

1. Describe the ECG findings ?
2. What are the possible causes of the main abnormality seen in V2 and V3?

Referred by: Unconfirmed



1. What is this rhythm ?
2. How should this patient be managed ?



Name: ID:
25mm/s Med:
10mm/mV Age: Ht: Wt:
40Hz Sex: Race:
Pgm 007B Loc: Room:
v206
Vent. rate 67 BPM
PR interval * ms
QRS duration 140 ms
QT/QTc 460/483 ms
Cart: 1 P-R-T axes 142 128 46
Tech.:

1. What is responsible for this appearance of the ECG ?
2. If this patient subsequently had a cardiac arrest, how might advanced life support be affected ?

V P/A

Referred by: Unconfirmed

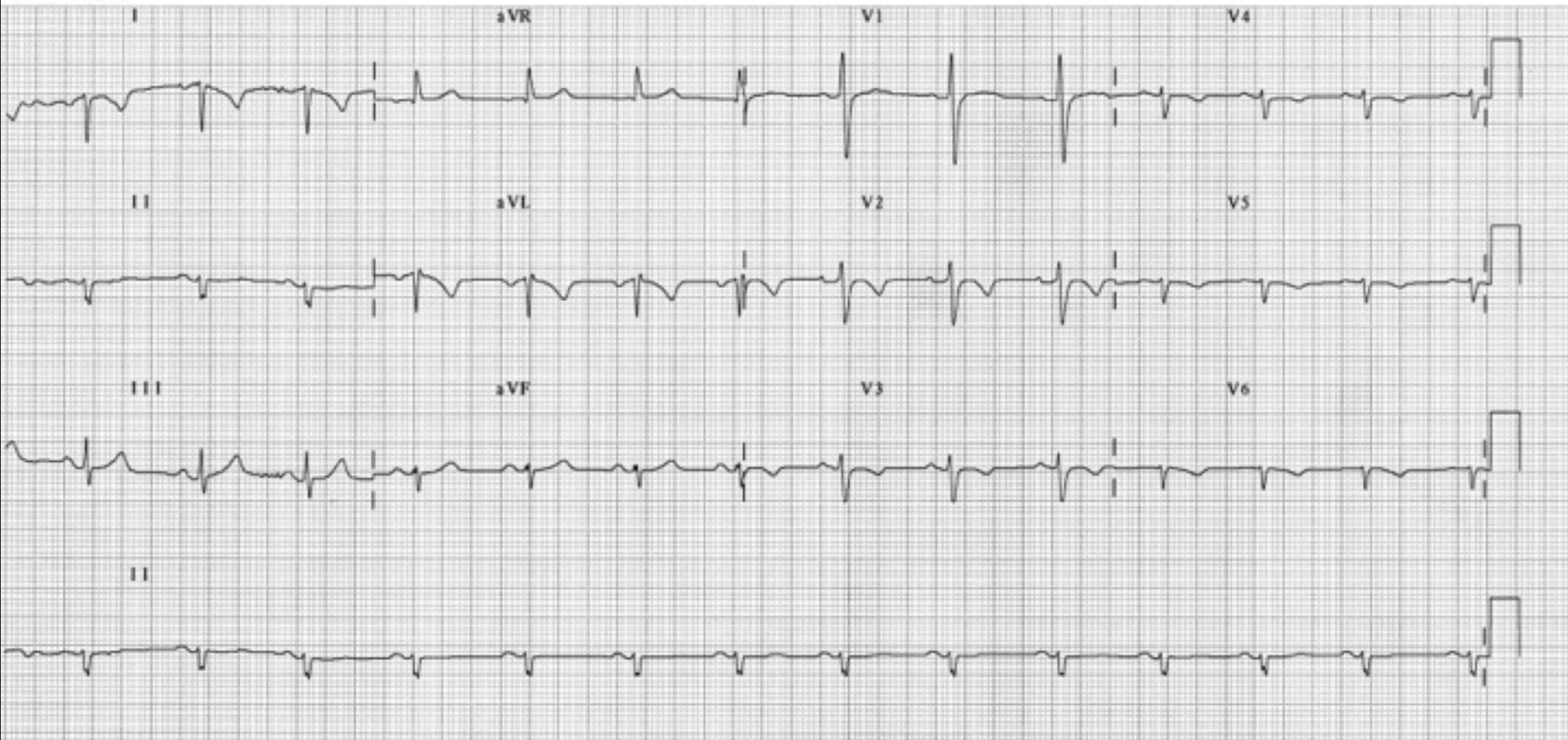


1. What are the two possible causes for the appearance of this ECG ?



Rate 82
PR 152
QRSD 83
QT 323
QTc 377

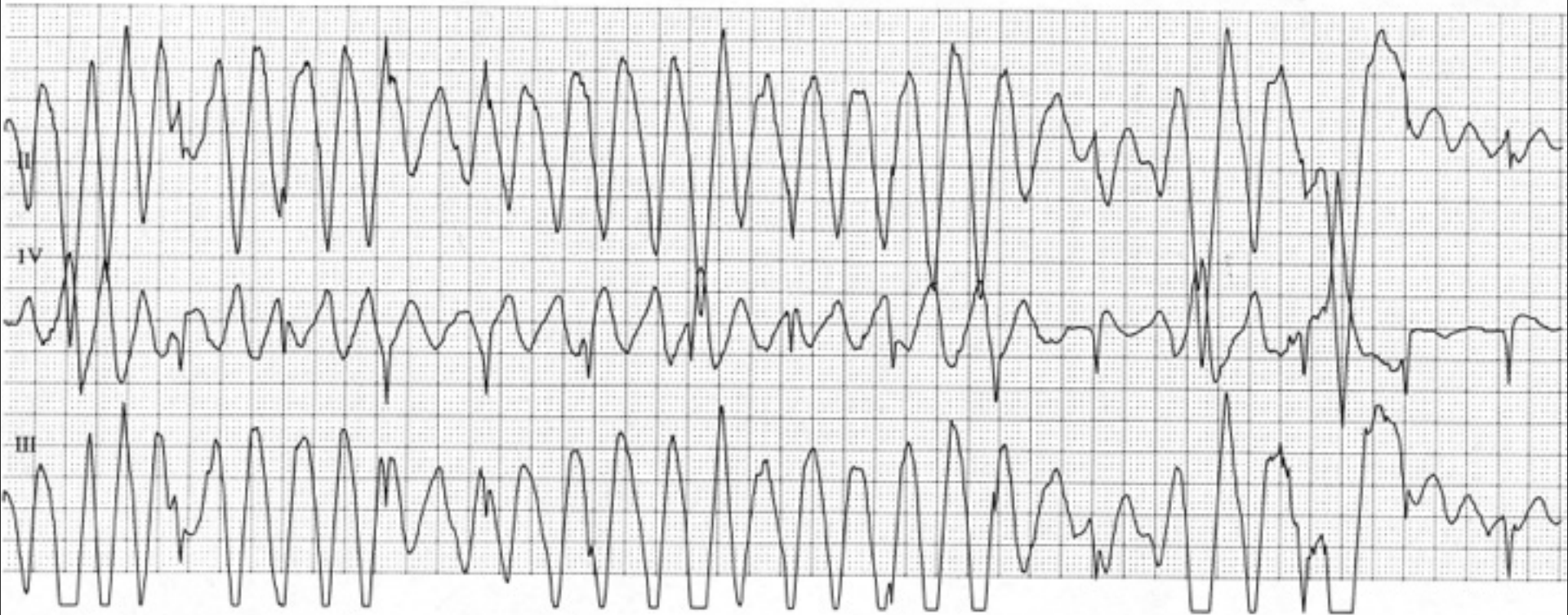
--Axis--
P 114
QRS 190
T 148



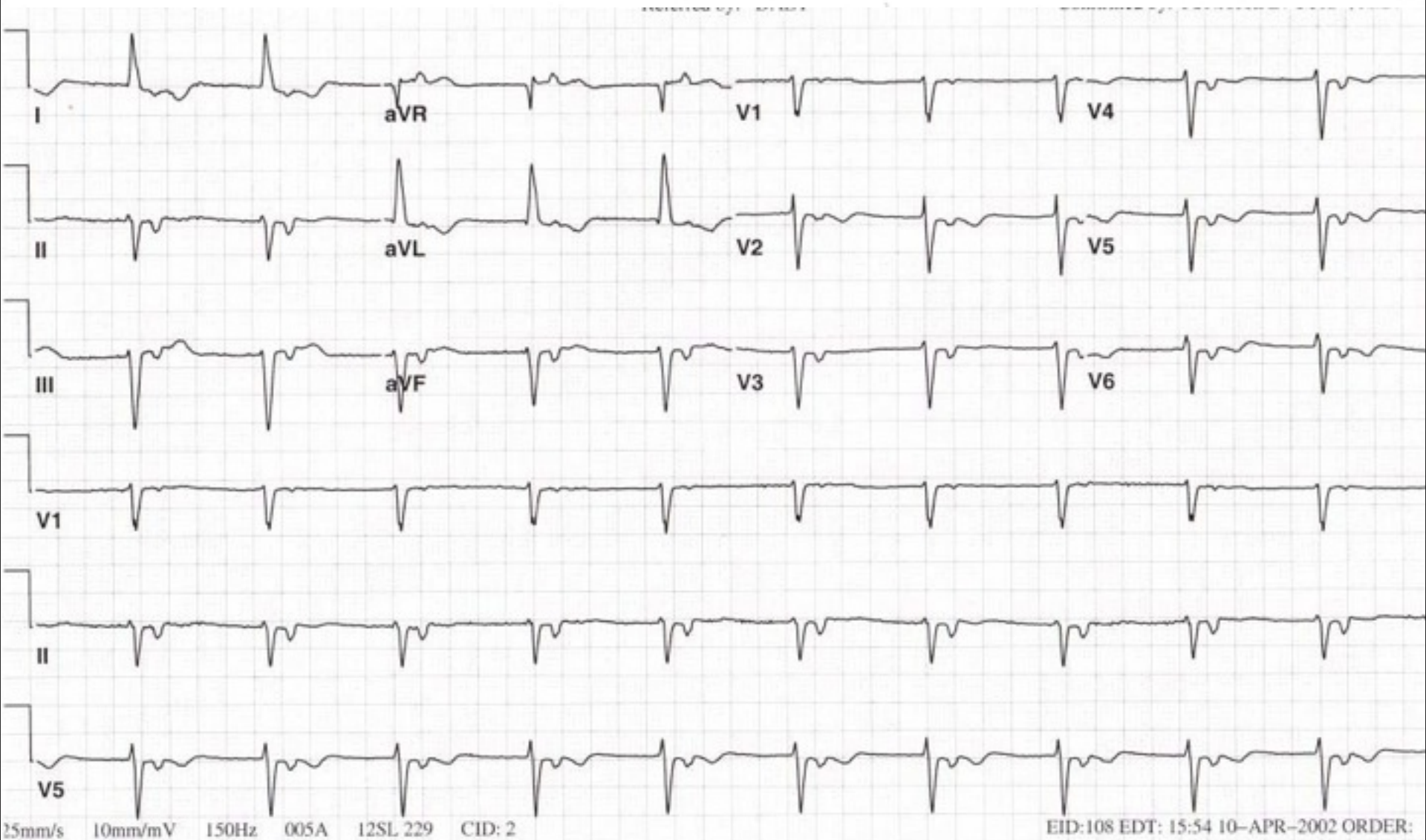
1. What is the rhythm ?
2. How would you treat this patient ?

ALARM HISTORY *V TACH* .05-120Hz 14-JUL 07:38:47 HR 198 @25 MM/S

Page 1



1. What rhythm is shown here ?
2. How would you describe the cardiac axis for this patient ?

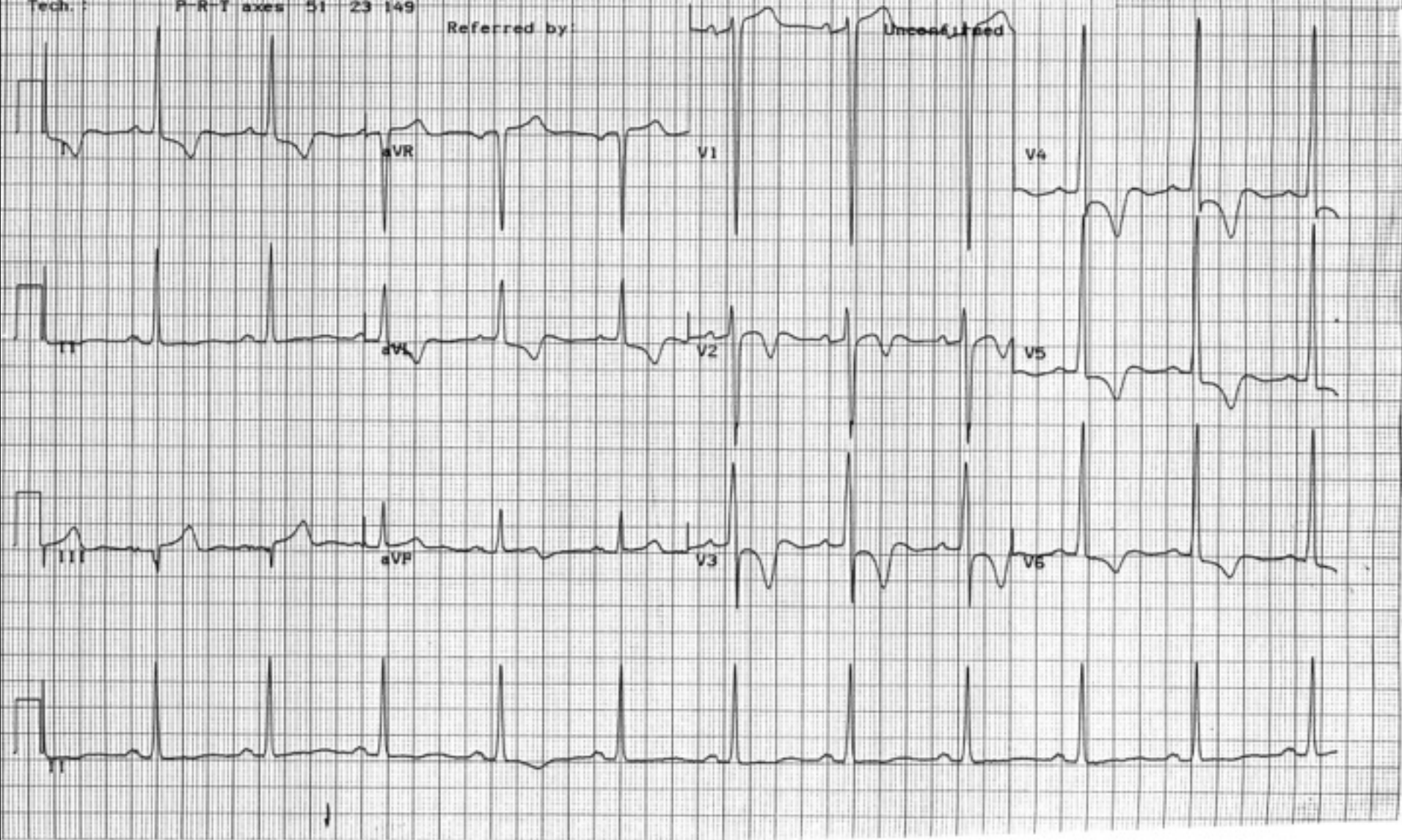


25mm/s
10mm/mV
100Hz
Pgr 007B
v206

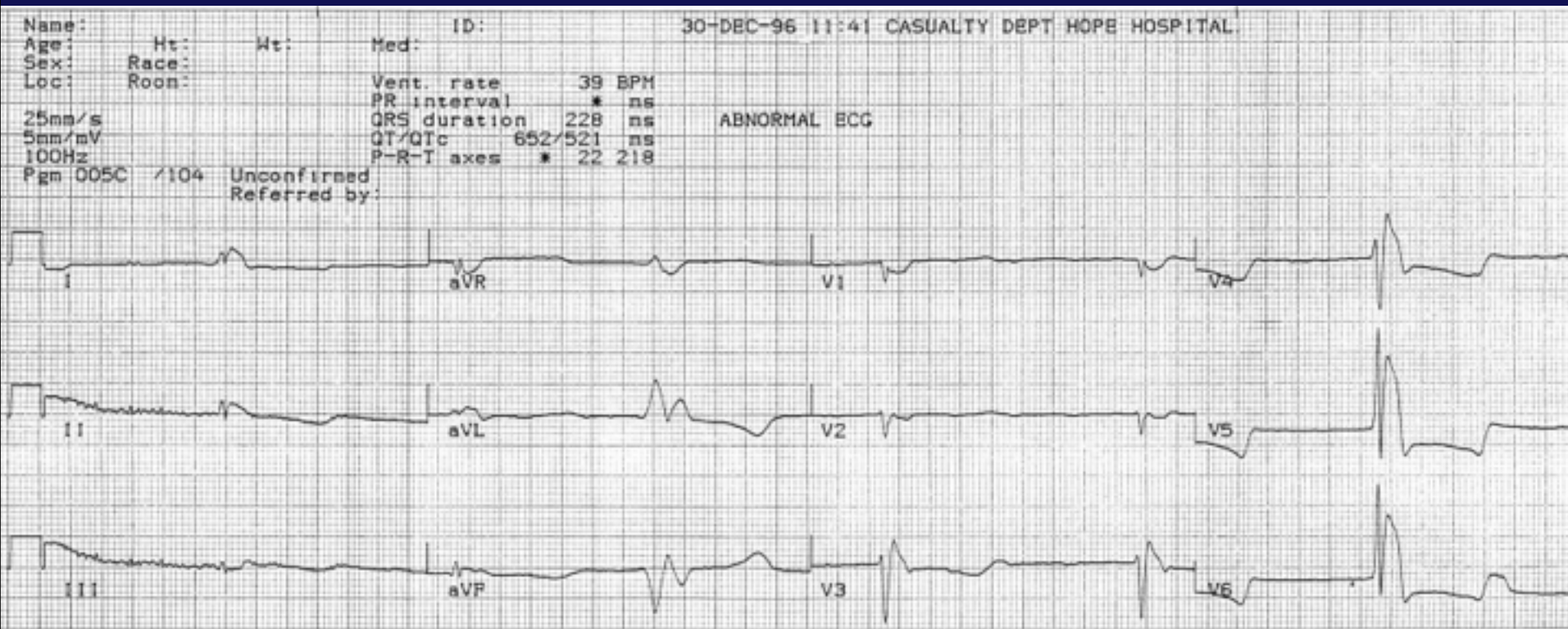
Med: 67yr Ht: Wt:
Sex: M Race: Cauc
Loc: 6553 Room:

Vent. rate 67 BPM
PR interval 180 ms
QRS duration 104 ms
QT/QTc 400/420 ms
P-R-T axes 51 23 149

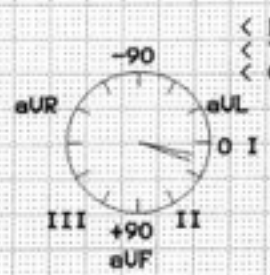
1. Describe the ECG findings ?
2. What abnormalities might you expect to find on examination of this patient ?



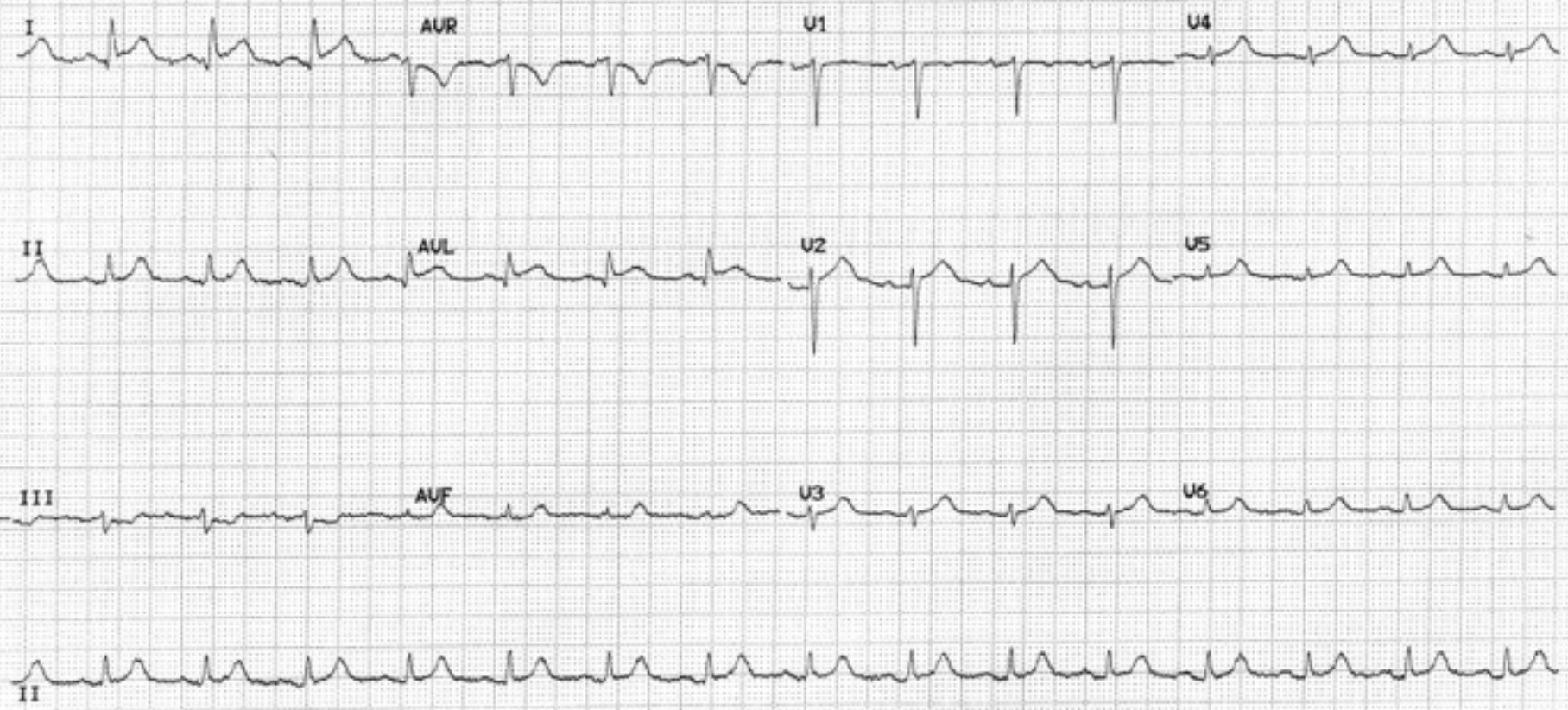
1. This old lady has been on the floor all night – describe the abnormalities on her ECG ?
2. Outline the principles of this lady's management ?



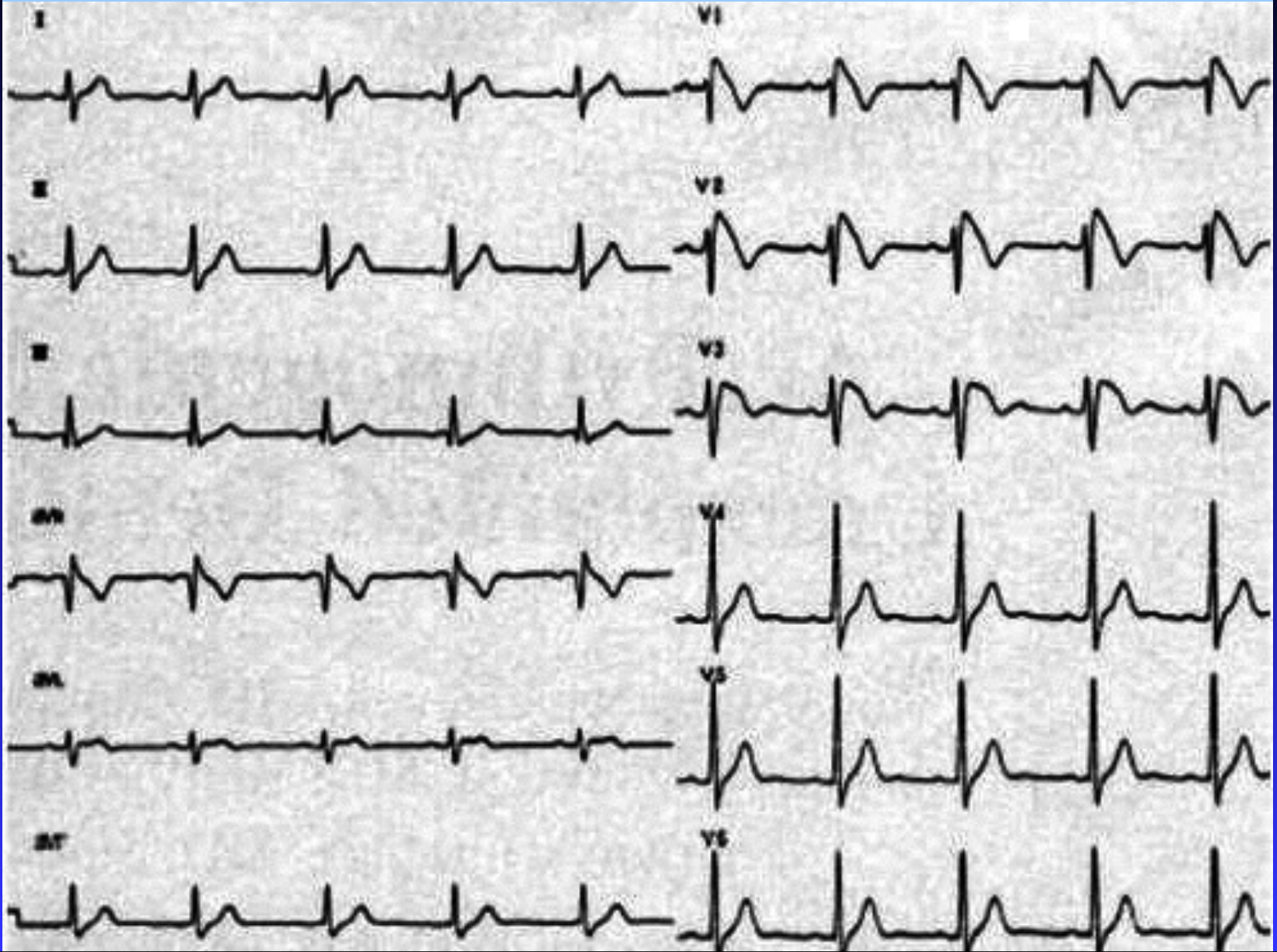
Measurement Results:
 QRS : 82 ms
 QT/QTcB : 338 / 417 ms
 PR : 162 ms
 P : 112 ms
 RR/PP : 646 / 650 ms
 P/QRS/T : 21/ 14/ 22 degrees



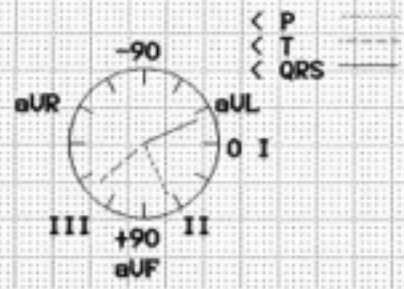
1. This patient presents to the ED with central heavy chest pain, what is the diagnosis ?
2. What is the initial treatment of this patient ?



1. This young man has presented to the ED following a short loss of consciousness. There are characteristic changes in leads V1-V3 - what is the diagnosis?
2. What is the prognosis of this condition?

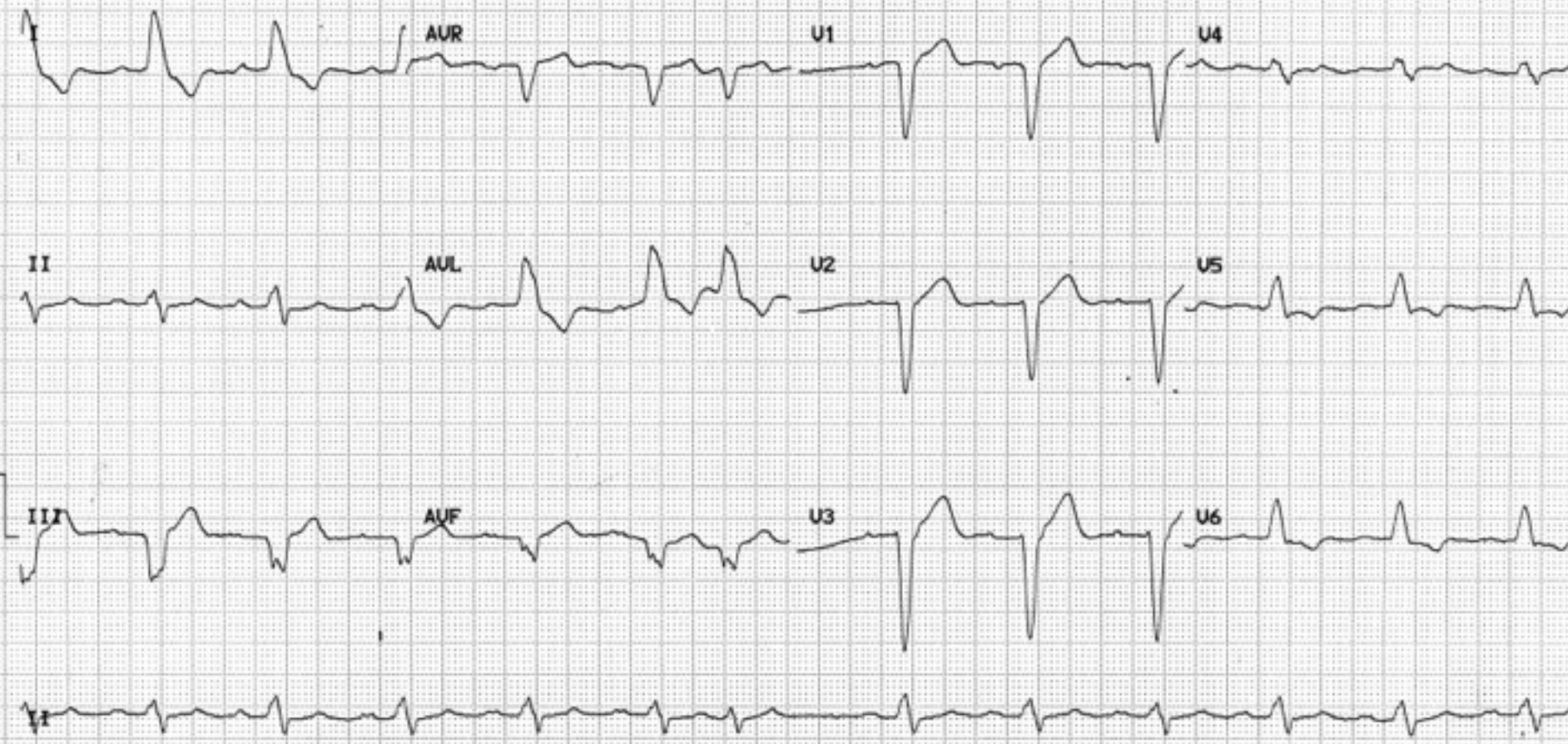


Measurement Results: :
 RS : 156 ms
 T/QTcB : 414 / 459 ms
 R : 220 ms
 : 112 ms
 R/PP : 810 / 810 ms
 /QRS/T : 65/ -24/ 138 degr

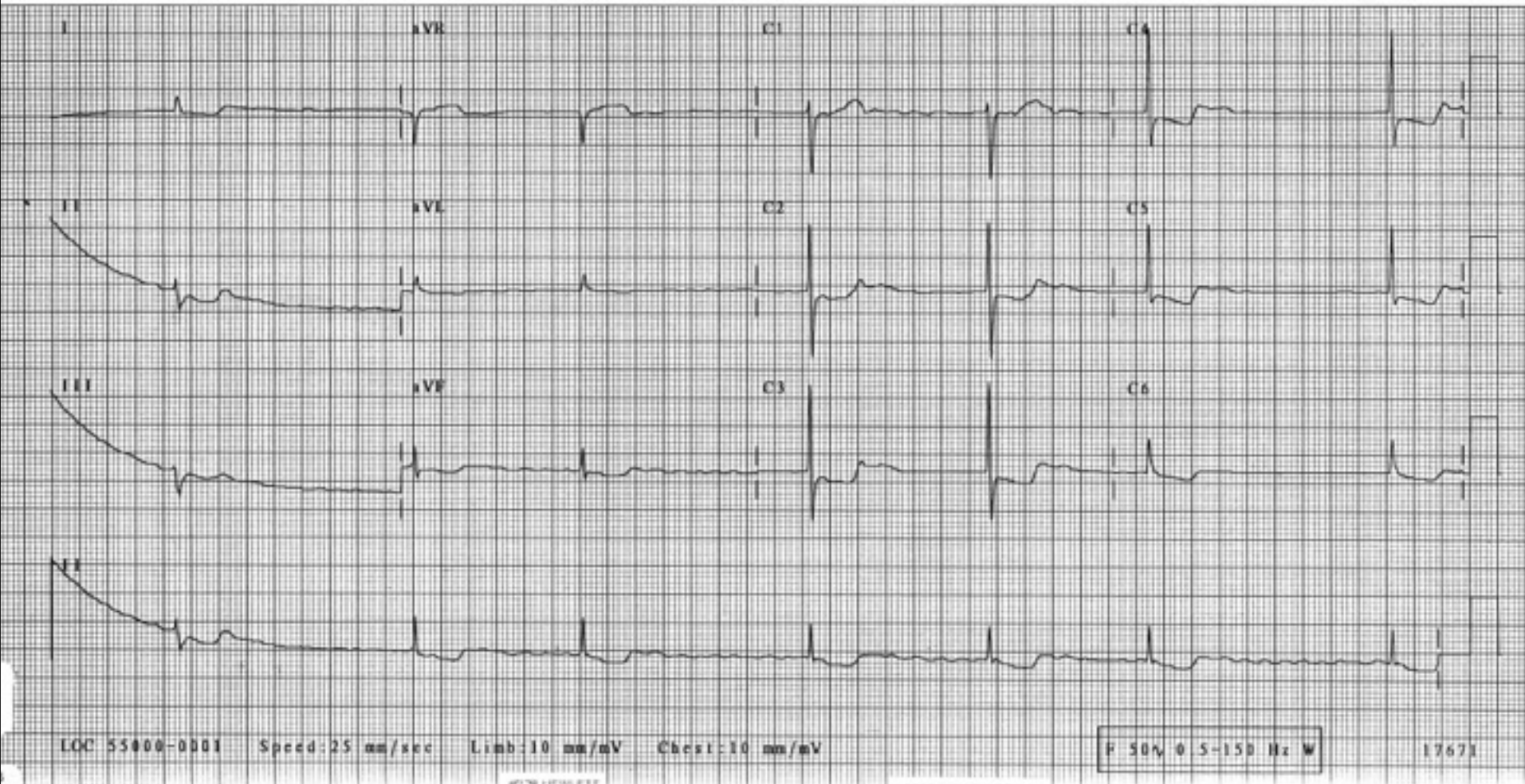


1. Describe the abnormalities shown on this ECG ?

Unconfirmed report.



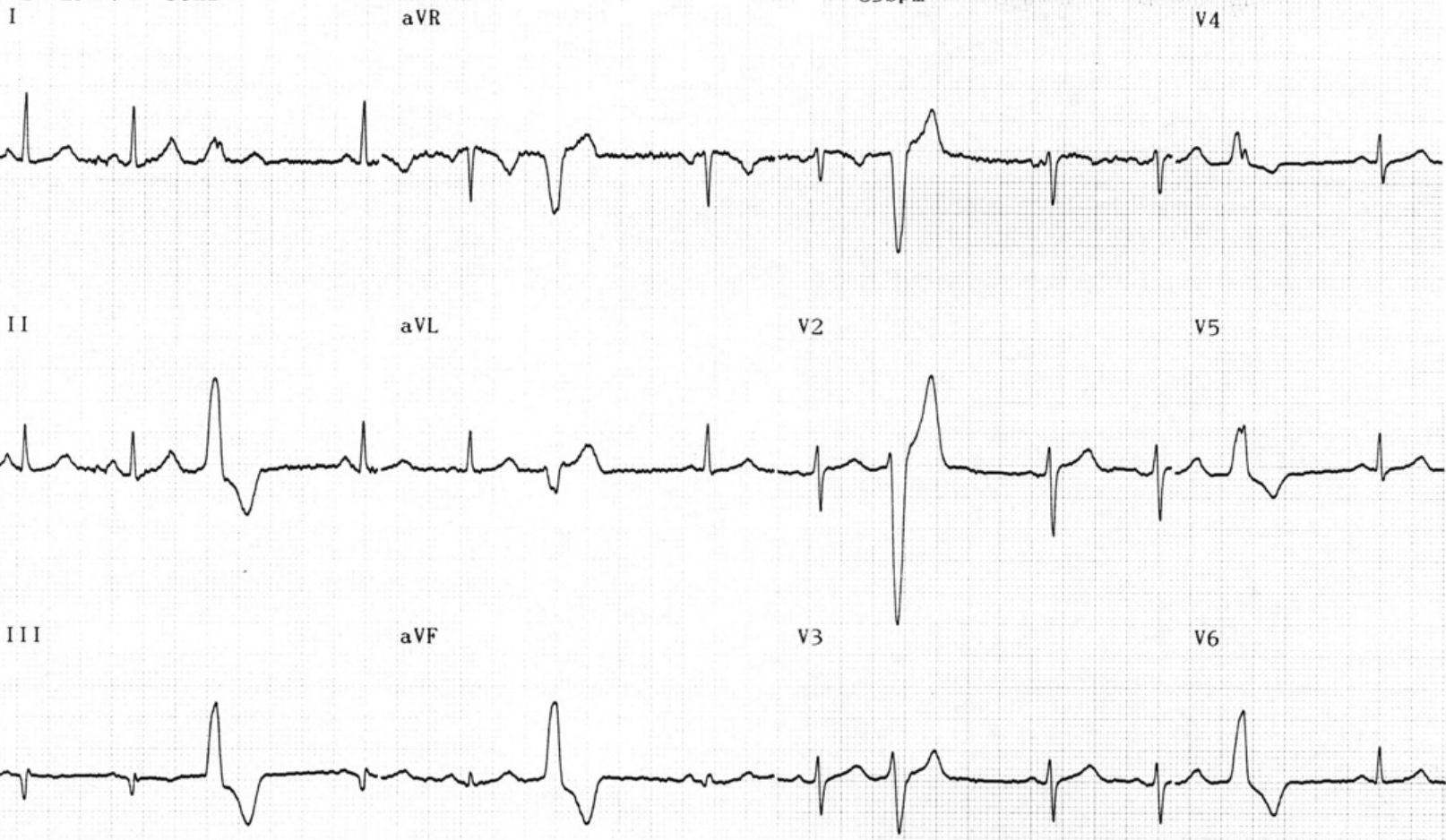
1. Describe the ECG findings ?
2. What is the most likely cause of the abnormalities seen ?



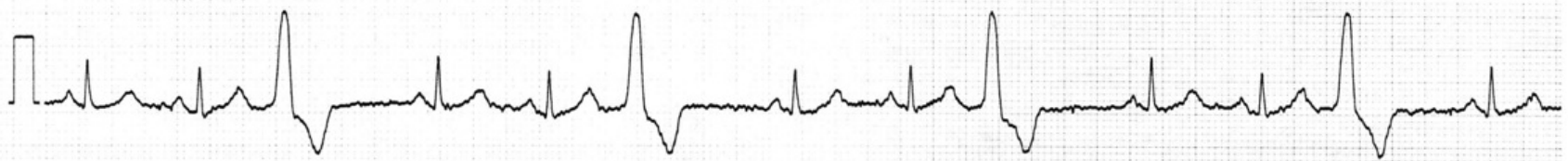
1. What is the rhythm ?
2. How would you treat this patient ?

x1 25mm/s 35Hz

83bpm



Rhythm[II] x1

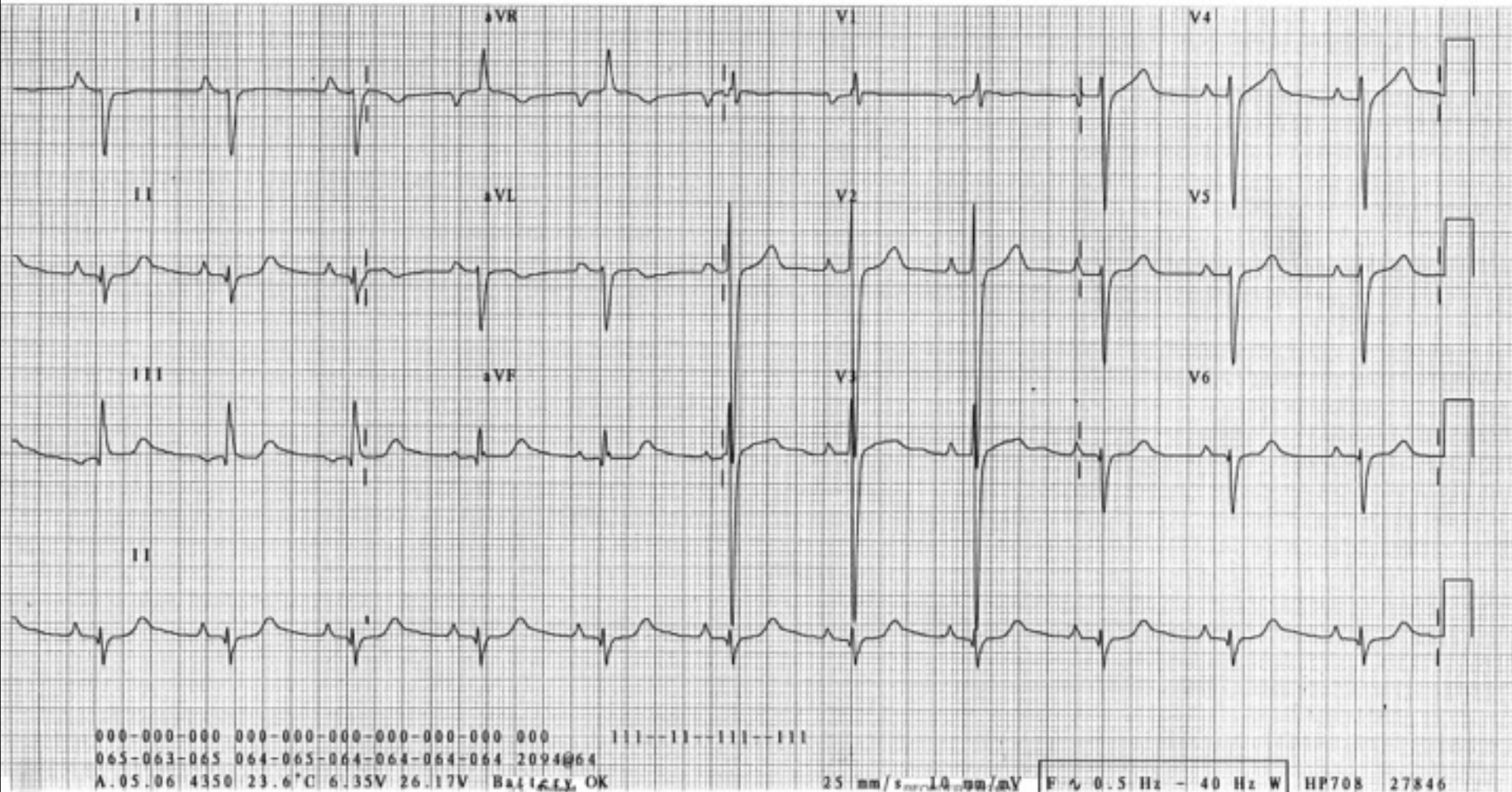


S. White

1. This patient is known to have a congenital heart problem - describe the abnormalities on this ECG?
2. What are the possible causes of these abnormalities ?

Rate 67
PR 197
QRSD 100
QT 408
QTc 431

--Axis--
P 7
QRS 164
T 81



Any Questions ?