

# ECG Quiz 1

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

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

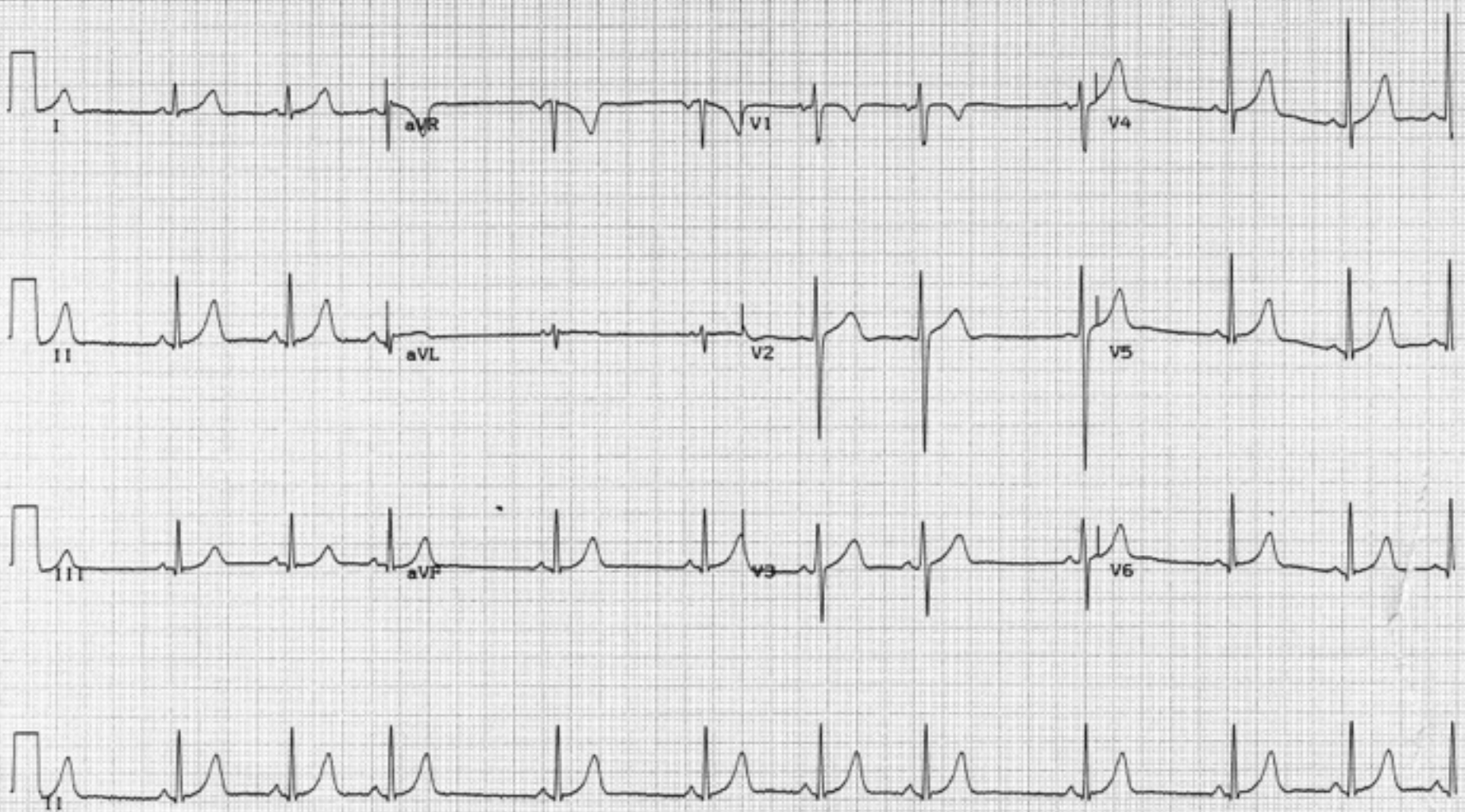
Vent. rate 65 BPM  
 PR interval 120 ms  
 QRS duration 76 ms  
 QT/QTc 368/380 ms  
 P-R-T axes 55 70 54

Cart: 1  
 Tech.:

1. What is this rhythm ?
2. What is the cause ?

Referred by:

Unconfirmed



25mm/s  
10mm/mV  
40Hz  
Pga 006A  
v206

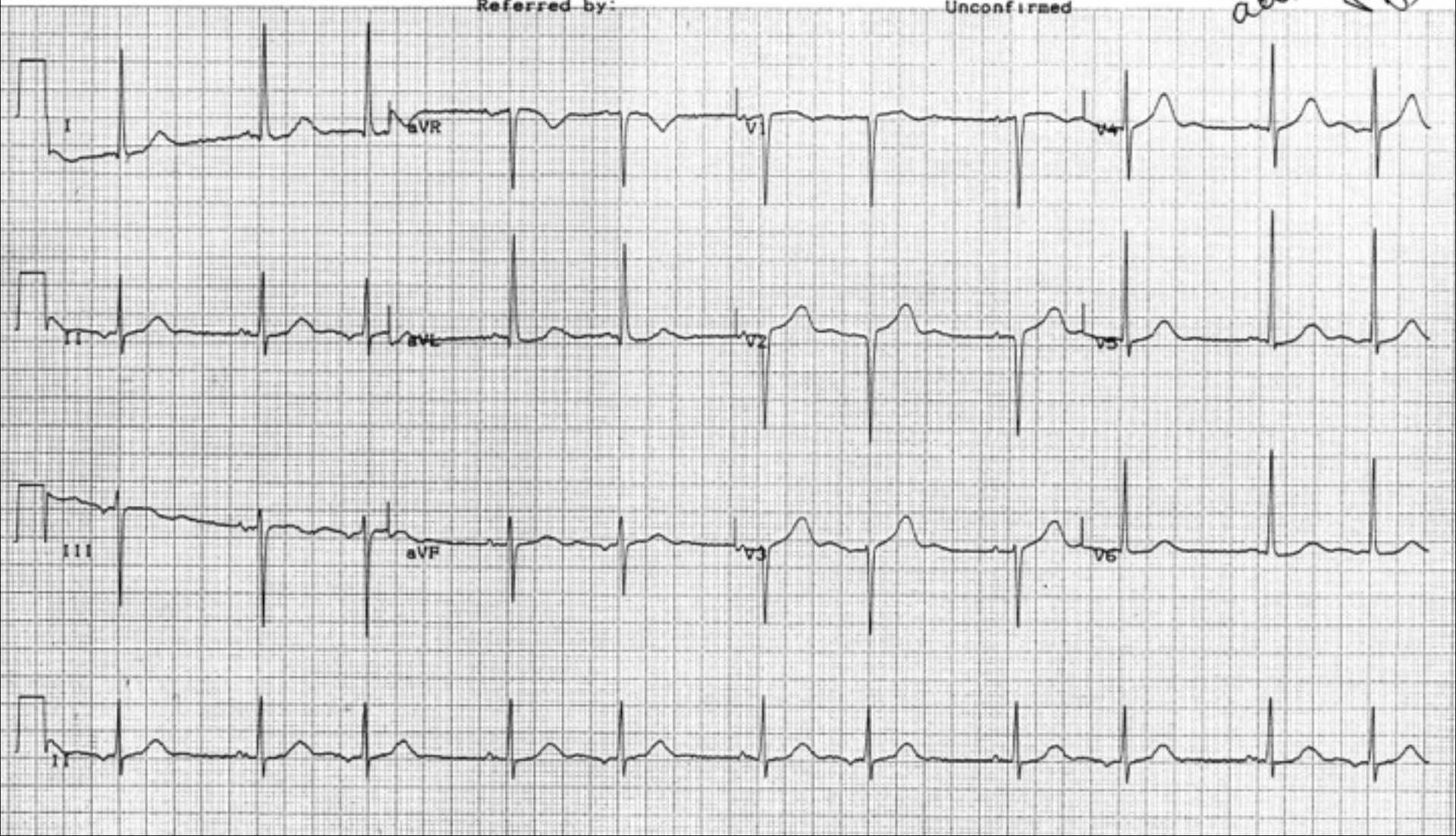
Med:  
Age:      Ht:      Wt:  
Sex:      Race:  
Loc:      Room:      •

Vent. rate      66 BPM  
PR interval      144 ms  
QRS duration      76 ms  
QT/QTc      412/425 ms  
P-R-T axes      270 -17 33

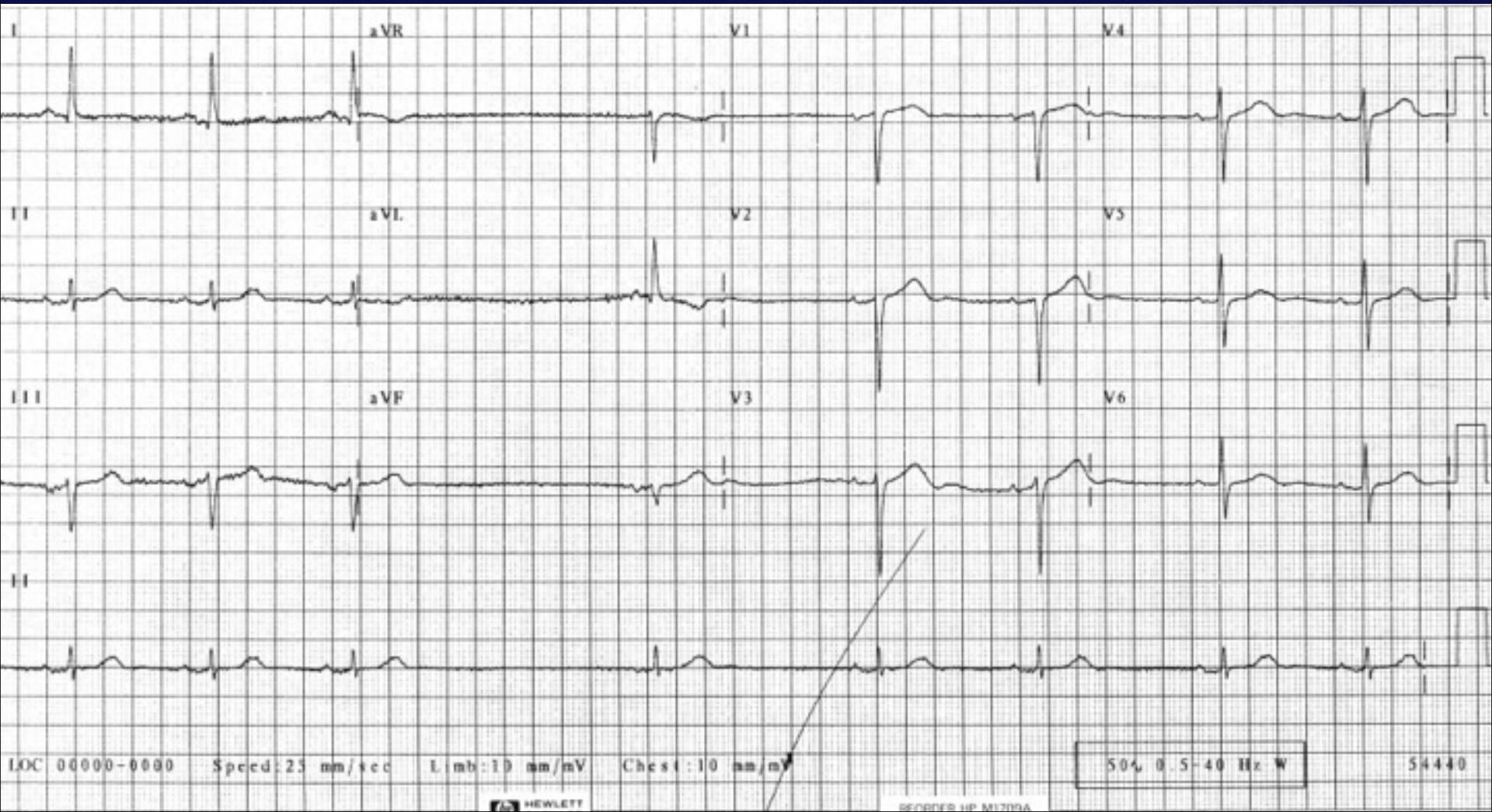
1. What is this rhythm ?
2. Does it require treatment ?

*ul  
aewkz*

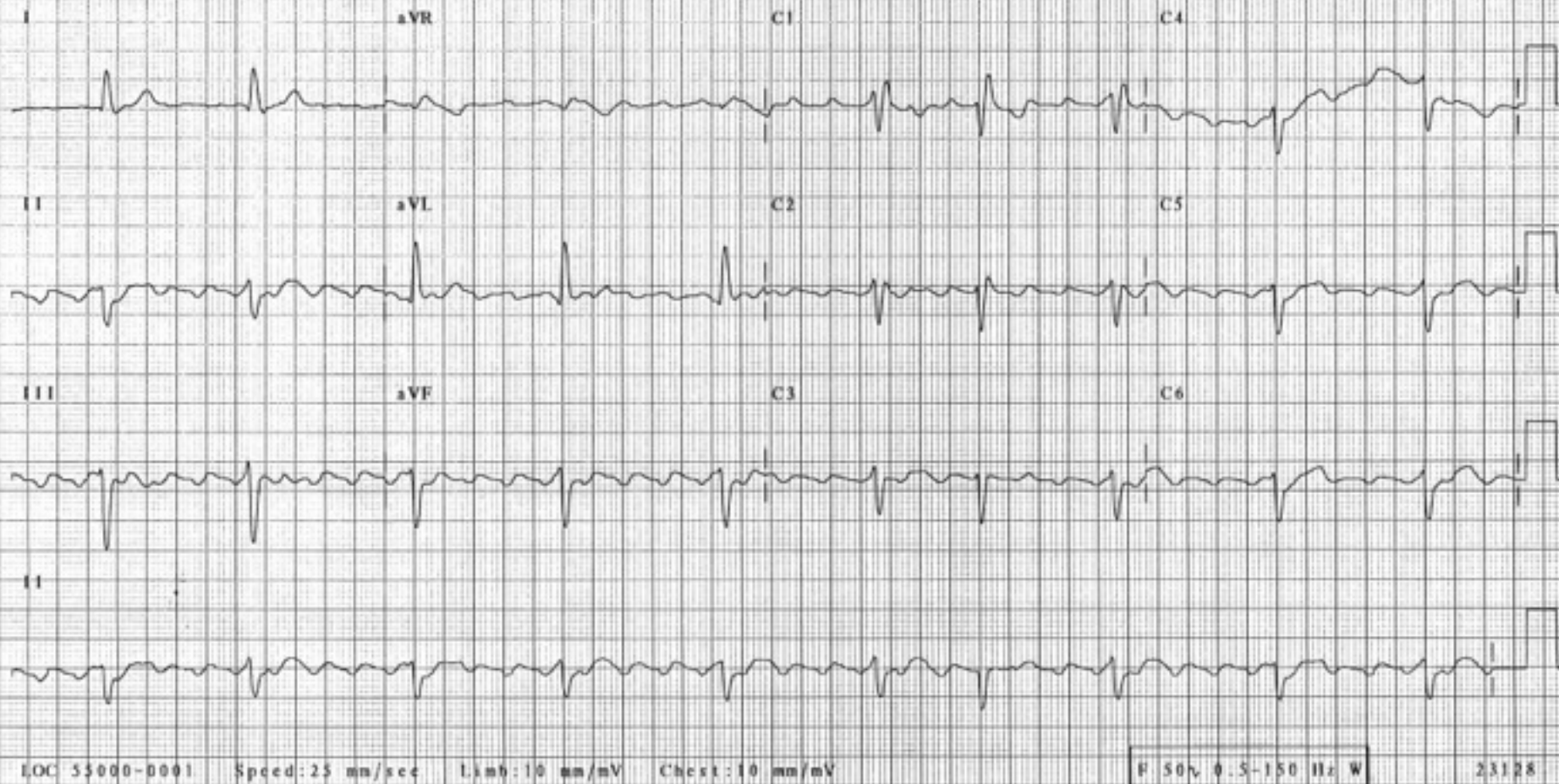
Referred by:      Unconfirmed



1. What is this rhythm ?
2. What is the likely cause ?
3. What treatment does this patient need ?



1. What is the cause of this rhythm ?
2. What treatment may be needed for this rhythm ?



25mm/s Med: Age: Ht: Wt:  
10mm/mV Age: Ht: Wt:  
40Hz Sex: Race:  
Pgm 007B Loc: Room:  
v206  
Vent. rate 88 BPM  
PR interval 116 ms  
QRS duration 116 ms  
QT/QTc 420/504 ms  
P-R-T axes 31 -23 105

1. How might this patient present to A&E ?
2. What is the pathological cause of this condition and how is it classified ?

Referred by:

Unconfirmed



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

Med:  
Age:  
Sex:  
Loc:

Ht: Ht:  
Race:  
Room:

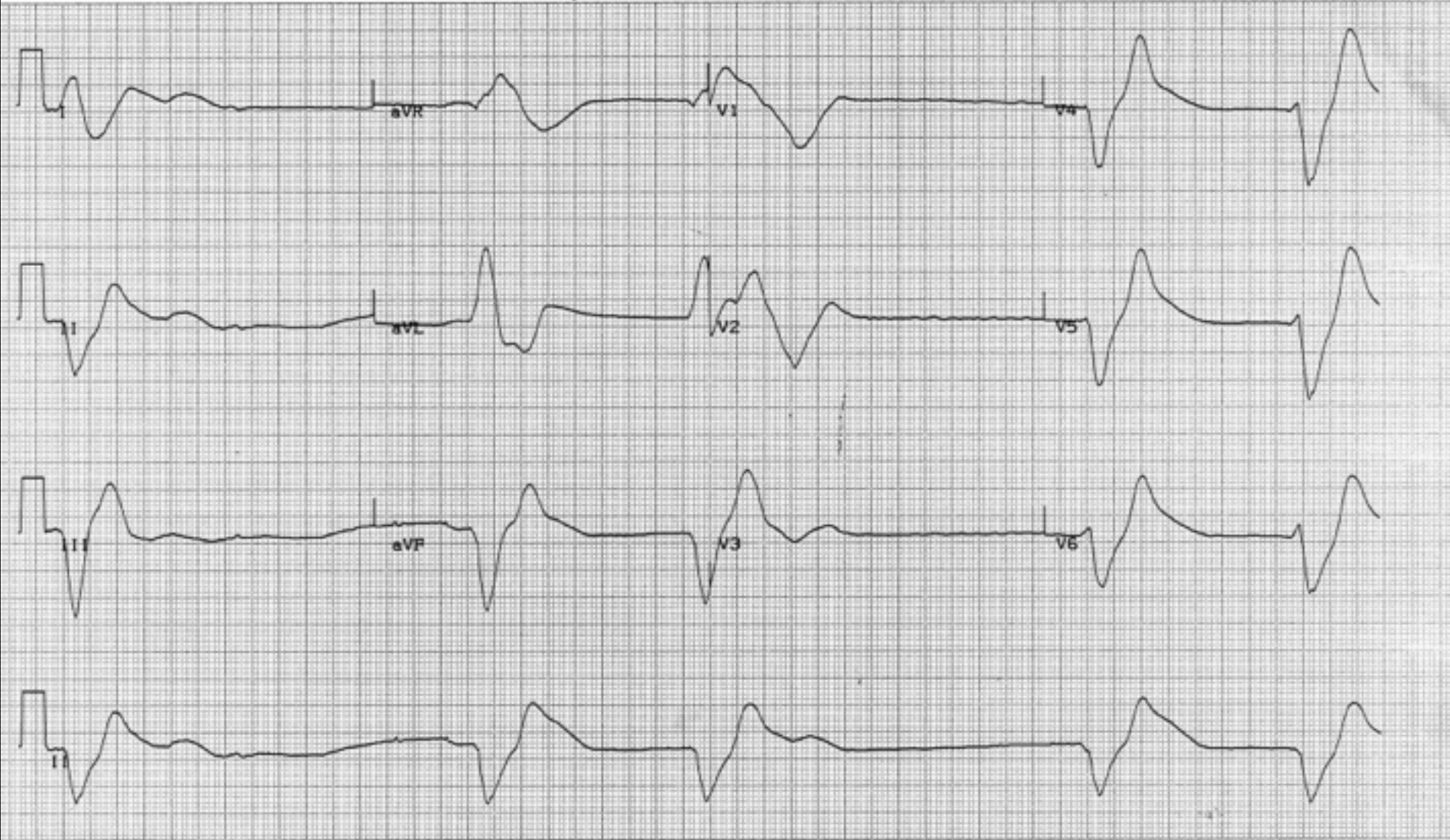
Vent. rate 51 BPM  
PR interval \* ns  
QRS duration 212 ns  
QT/QTc 672/616 ns  
P-R-T axes \* -69 85

Cart: 1  
Tech. :

- 1357
1. What abnormalities can be seen on this ECG ?
  2. What is the likely cause ?
  3. What is the initial management ?

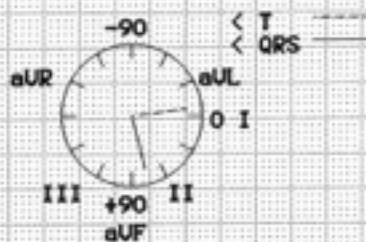
Referred by:

Unconfirmed



Measurement Results:

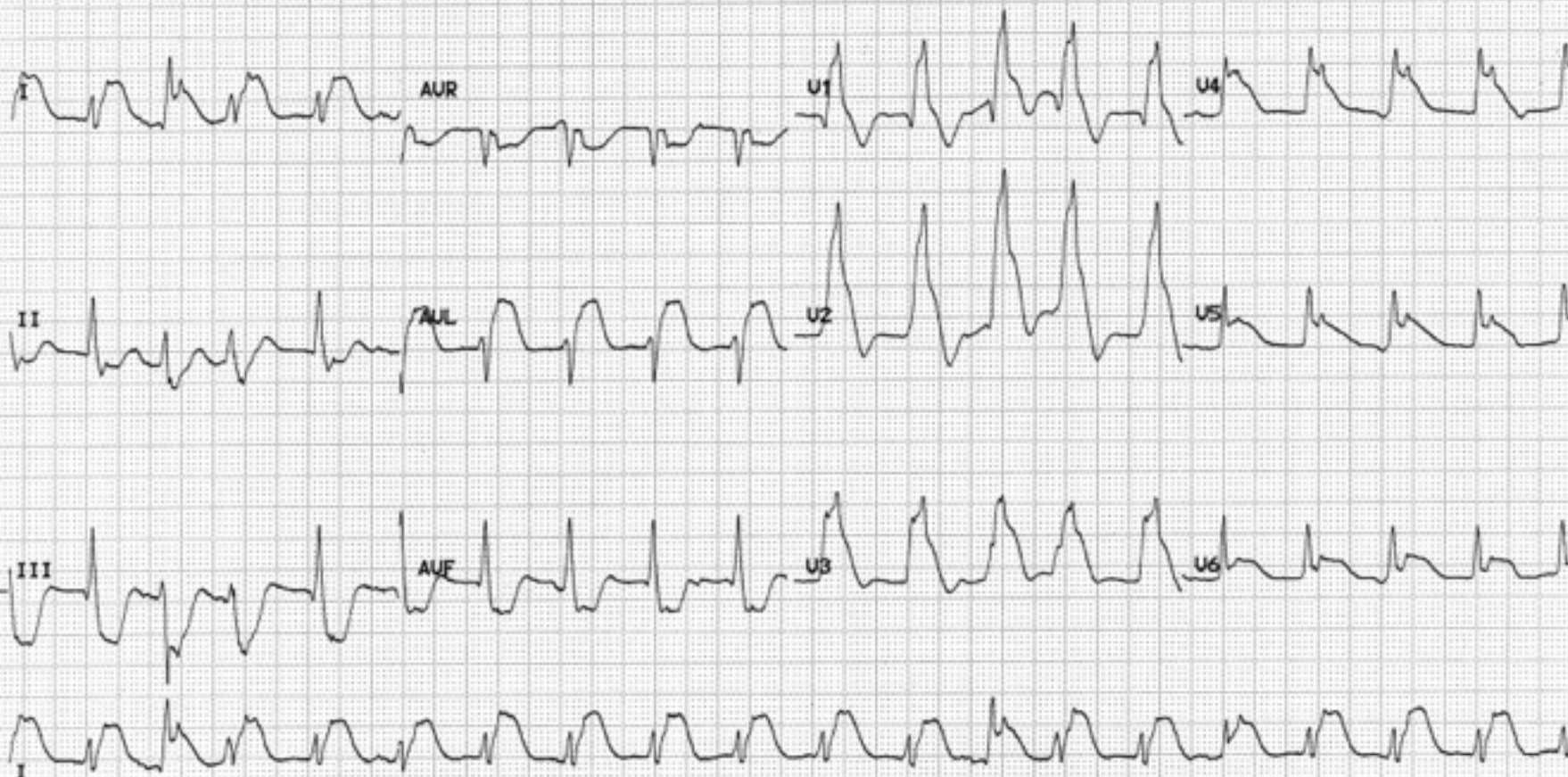
QRS	:	152 ms
QT/QTcB	:	356 / 490 ms
PR	:	ms
P	:	ms
RR/PP	:	538 / 560 ms
P/QRS/T	:	/ 75/ -8 degrees



1. What is this rhythm ?
2. In what circumstance is this rhythm usually seen ?
3. What treatment is normally required?

(4)  
mcb

Unconfirmed report.





25mm/s Med:  
10mm/mV Age: Ht: Wt:  
40Hz Sex: Race:  
Pgm 007B Loc: Room:  
v206  
Vent. rate 125 BPM  
PR interval \* ms  
QRS duration 88 ms  
QT/QTc 304/435 ms  
Cart: 1 P-R-T axes \* 23 -9  
Tech.:

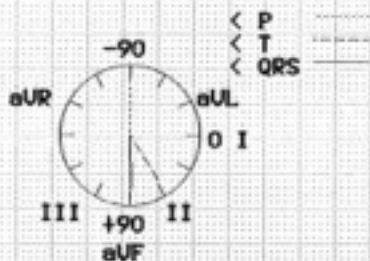
1. What is this rhythm ?
2. What treatment may be required ?

Referred by:

Unconfirmed

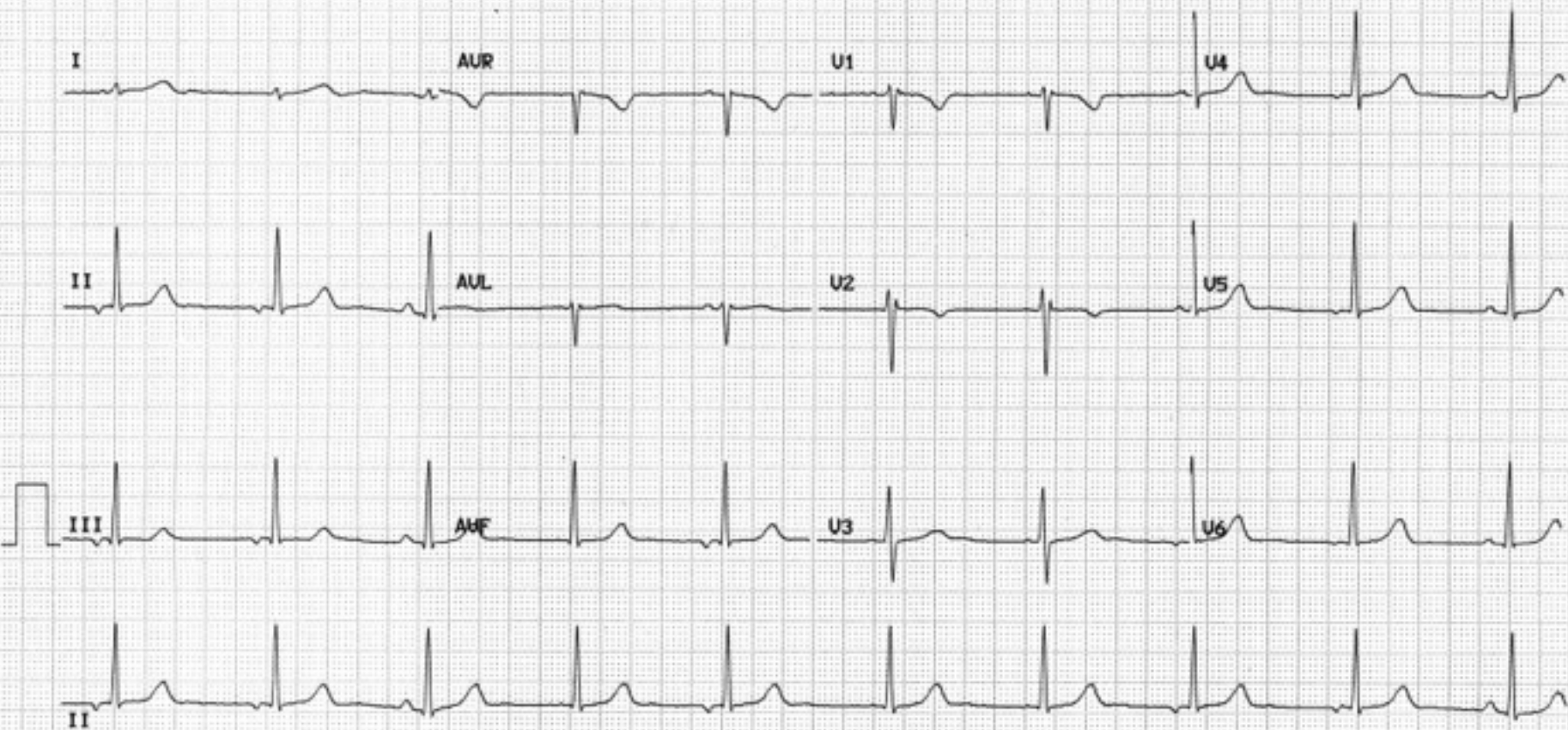


Measurement Results: :  
 QRS : 88 ms  
 QT/QTcB : 436 / 428 ms  
 PR : 120 ms  
 P : ms  
 RR/PP : 1024 / 1030 ms  
 P/QRS/T : 269/ 88/ 57 degr

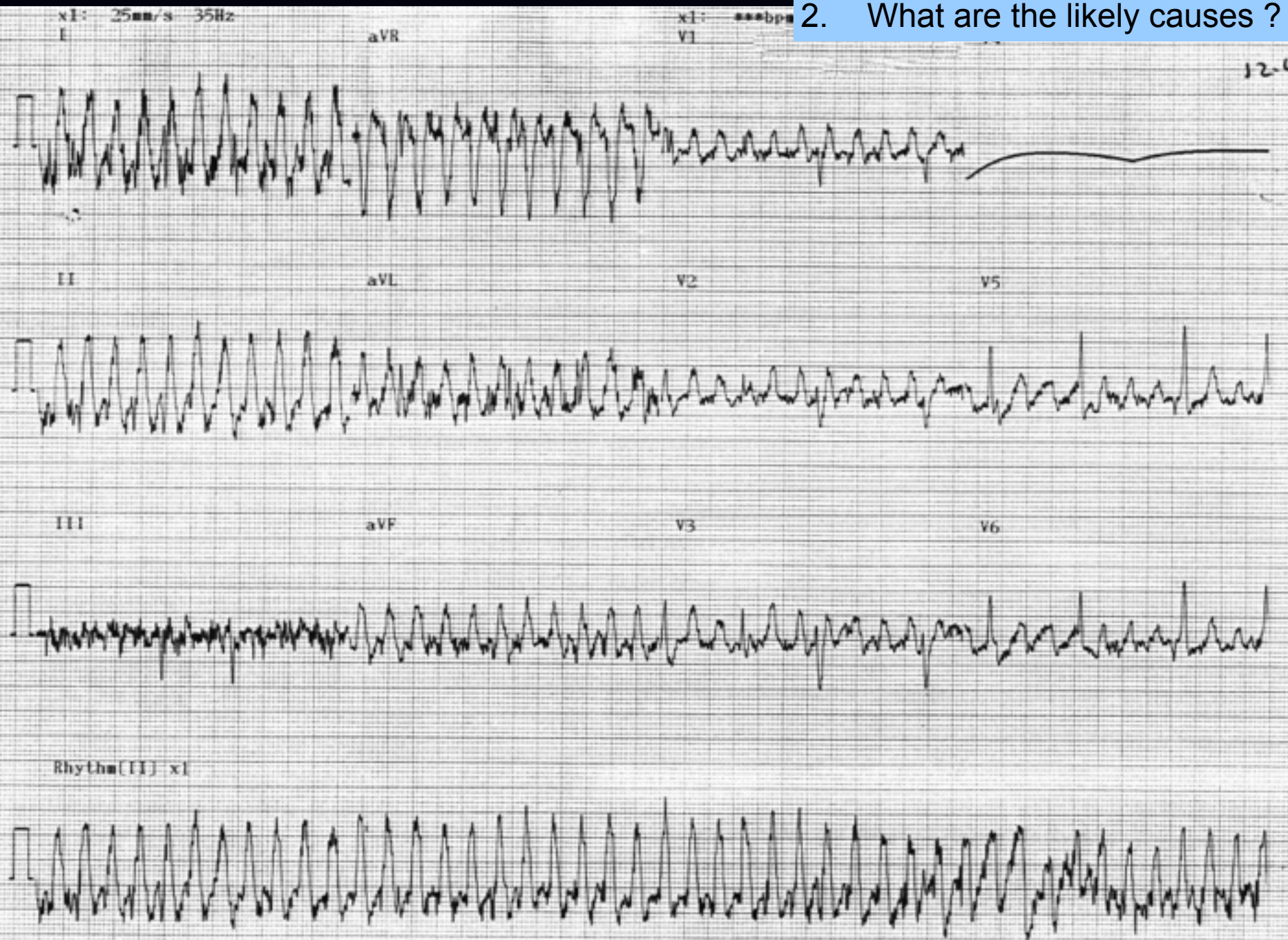


1. What is this rhythm ?
2. What treatment is required ?

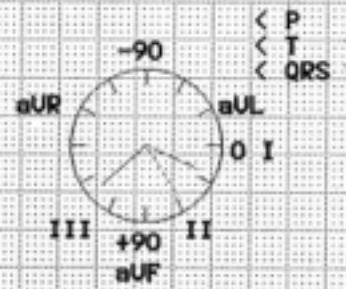
Unconfirmed report.



1. What is this rhythm ?
2. What are the likely causes ?

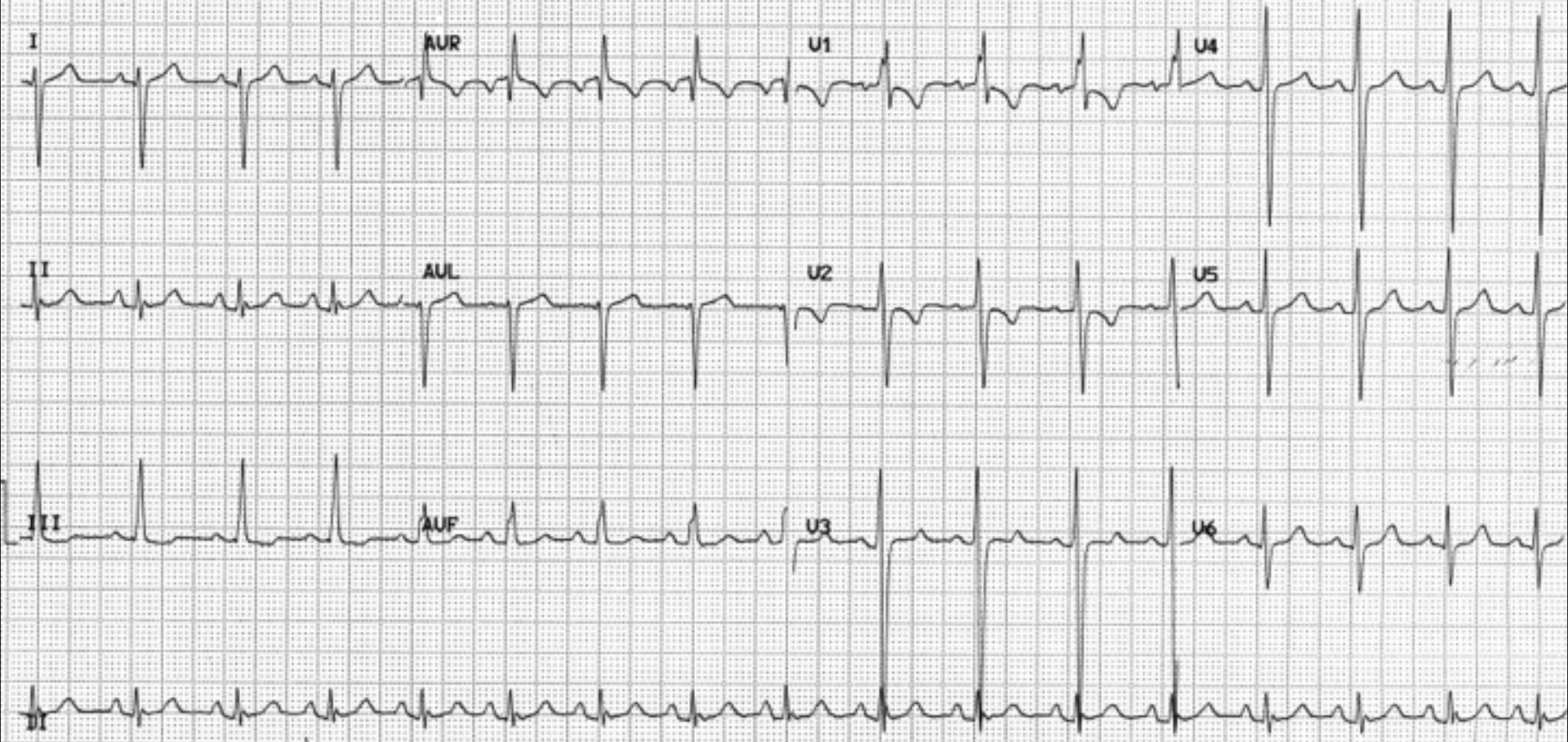


Measurement Results: :  
P : 106 ms  
QTcB : 346 / 441 ms  
QT : 148 ms  
PP : 102 ms  
PP : 600 / 610 ms  
QRS/T : 56/ 138/ 24 degr

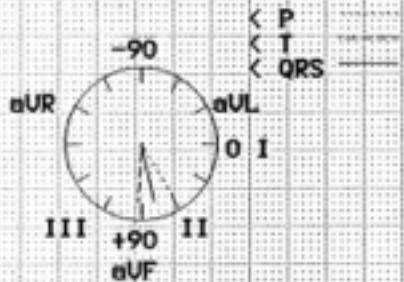


1. What abnormalities are seen on this ECG ?
2. List possible causes for these changes ?

Unconfirmed report.

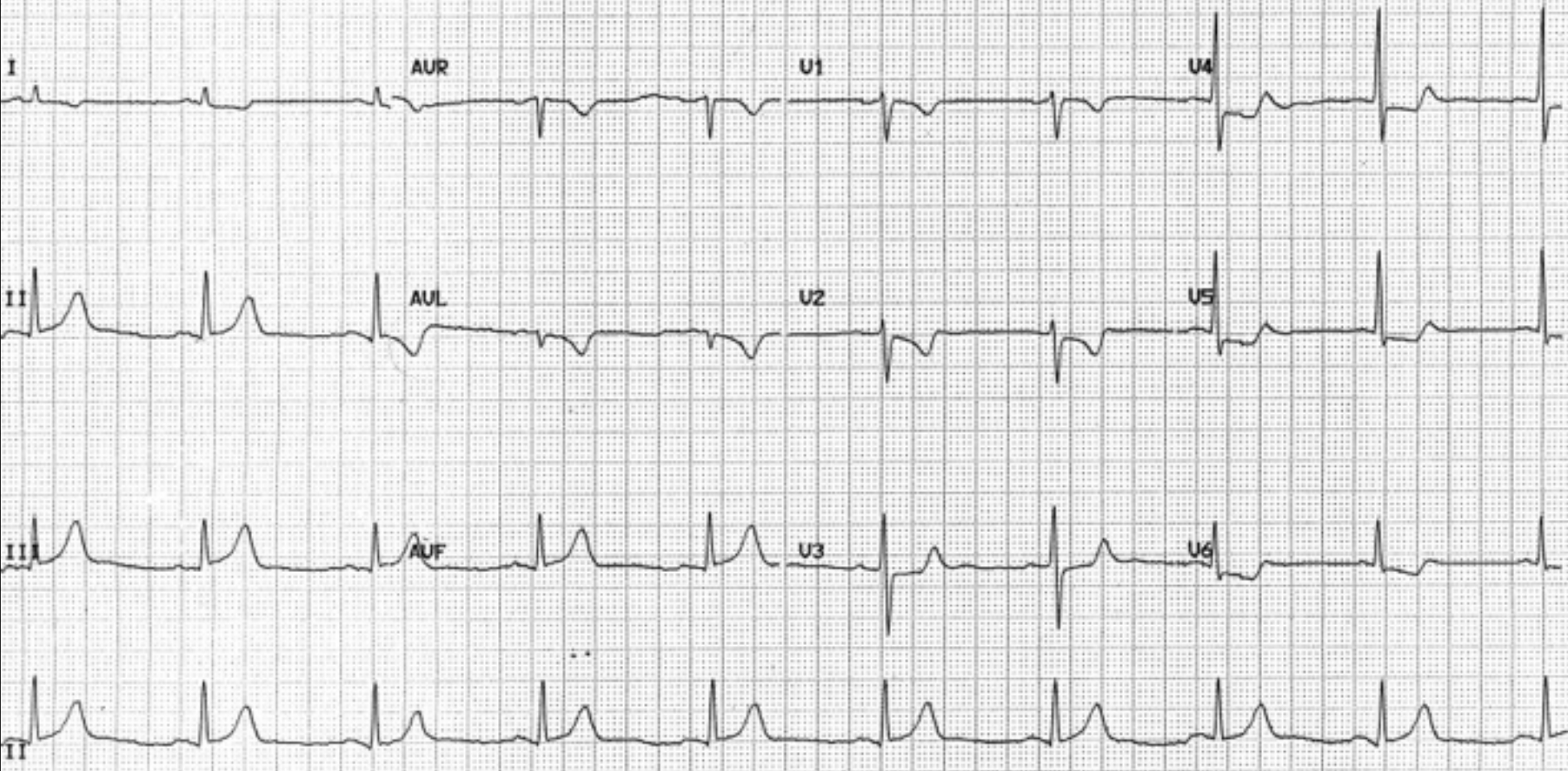


Measurement Results: :  
 PR : 90 ms  
 P-QRS : 432 / 416 ms  
 QRS : 152 ms  
 ST-T : 122 ms  
 P : 1074 / 1070 ms  
 Q/T : 58 / 77 / 94 degr



1. What abnormalities can be seen ?
2. What is the initial management of this patient with central chest pain ?

Unconfirmed report.



Name:

25mm/s

Med:

5mm/mV

Age:

Ht:

Wt:

40Hz

Sex:

Race:

Pgm 007B

Loc:

Room:

v206

Vent. rate 172 BPM

PR interval \* ms

QRS duration 92 ms

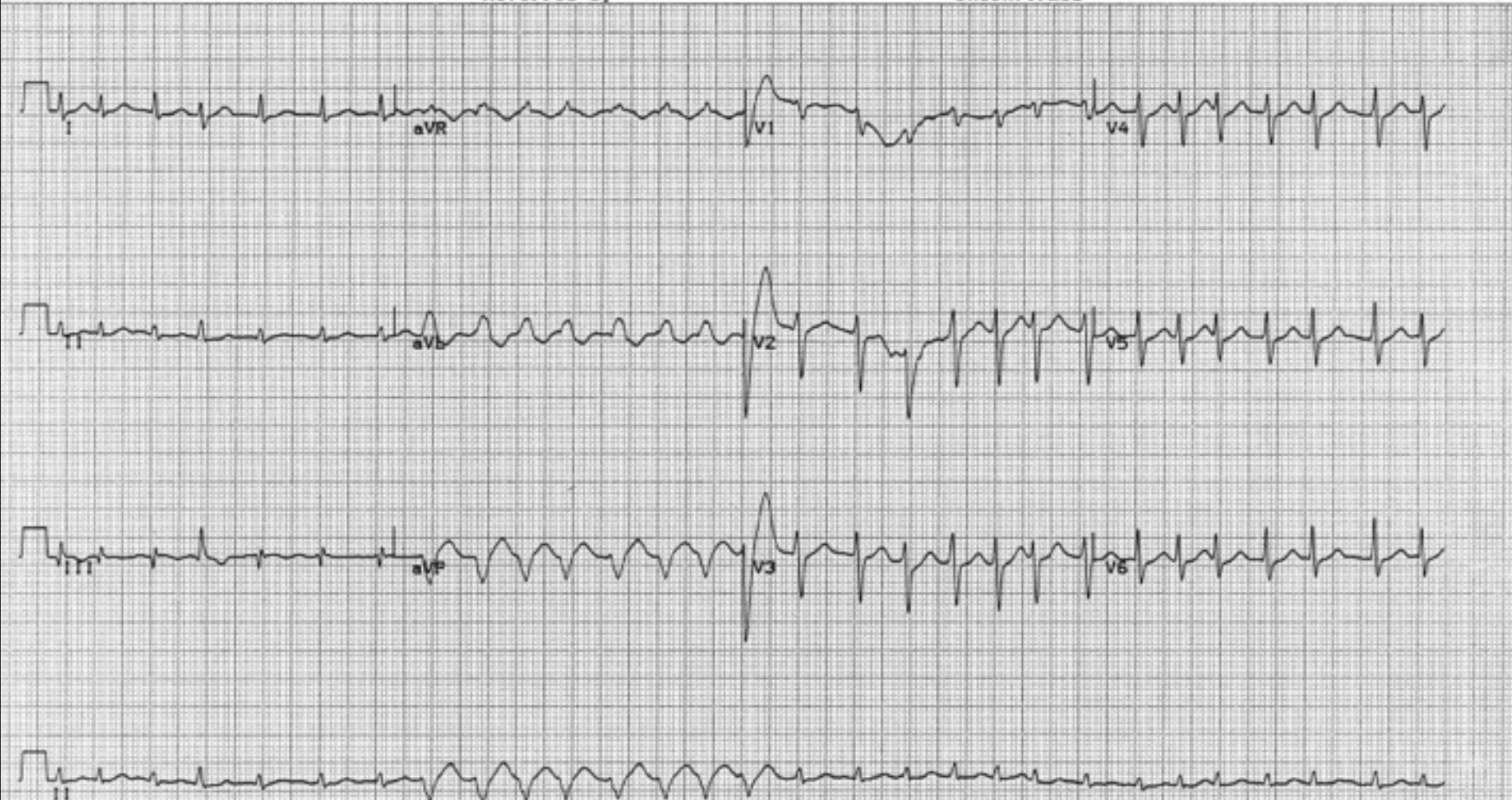
Cart: 1 QT/QTc 284/478 ms

Tech.: P-R-T axes \* 43 6

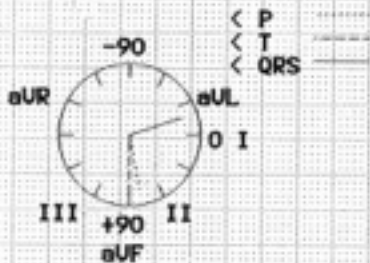
1. What is this rhythm ?
2. What is the cause of the change in morphology of the QRS complex seen on the rhythm strip ?

Referred by:

Unconfirmed

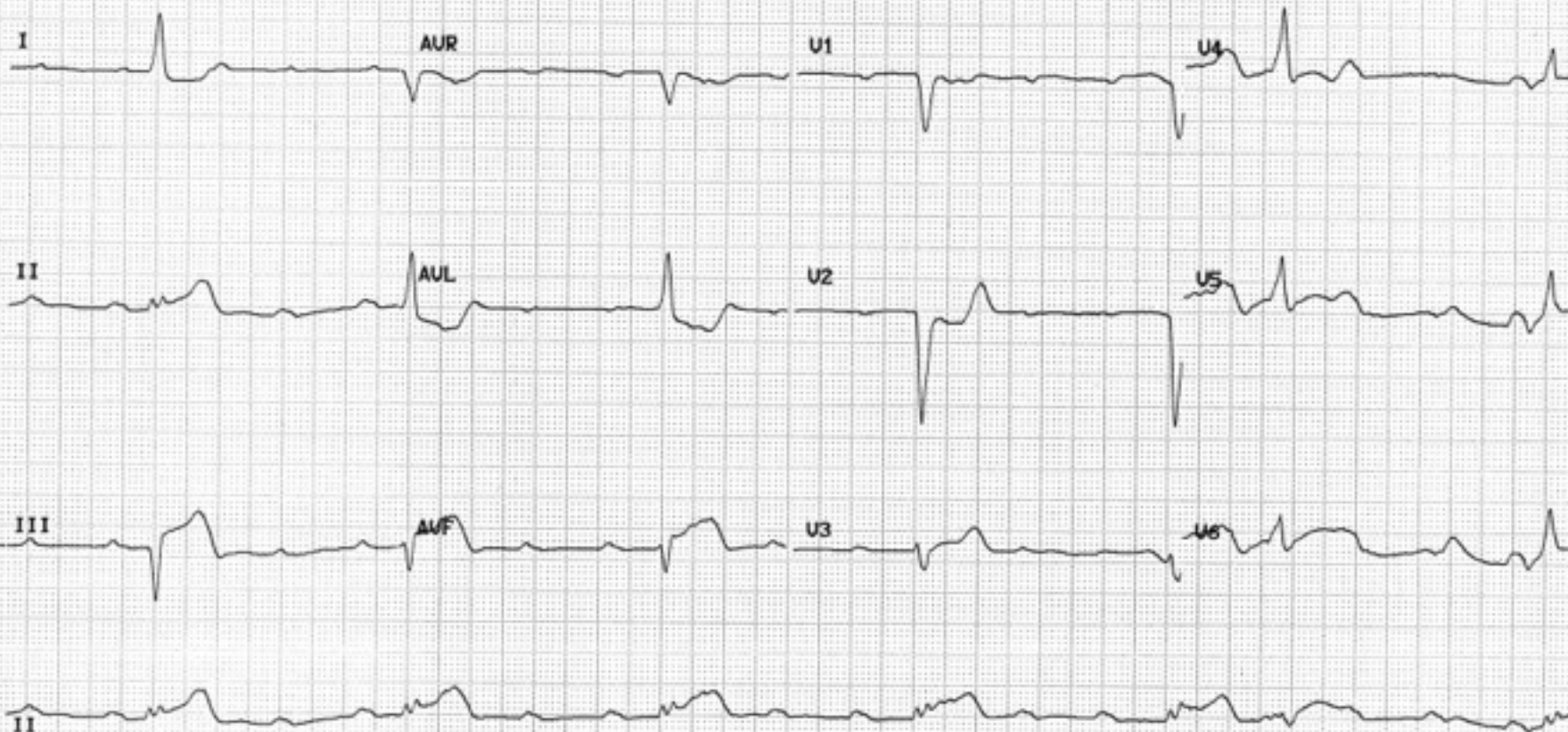


Measurement Results: :  
 QRS : 120 ms  
 QT/QTcB : 570 / 464 ms  
 PR : ms  
 P : ms  
 RR/PP : 1628 / 520 ms  
 P/QRS/T : 79/ -19/ 90 degr



1. This patient has cardiac chest pain - what is the diagnosis ?
2. What treatment is required ?

Unconfirmed report.



122

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

Med: Unknown  
51yr Ht: Wt:  
Sex: M Race: Cauc  
Loc: Room: R2

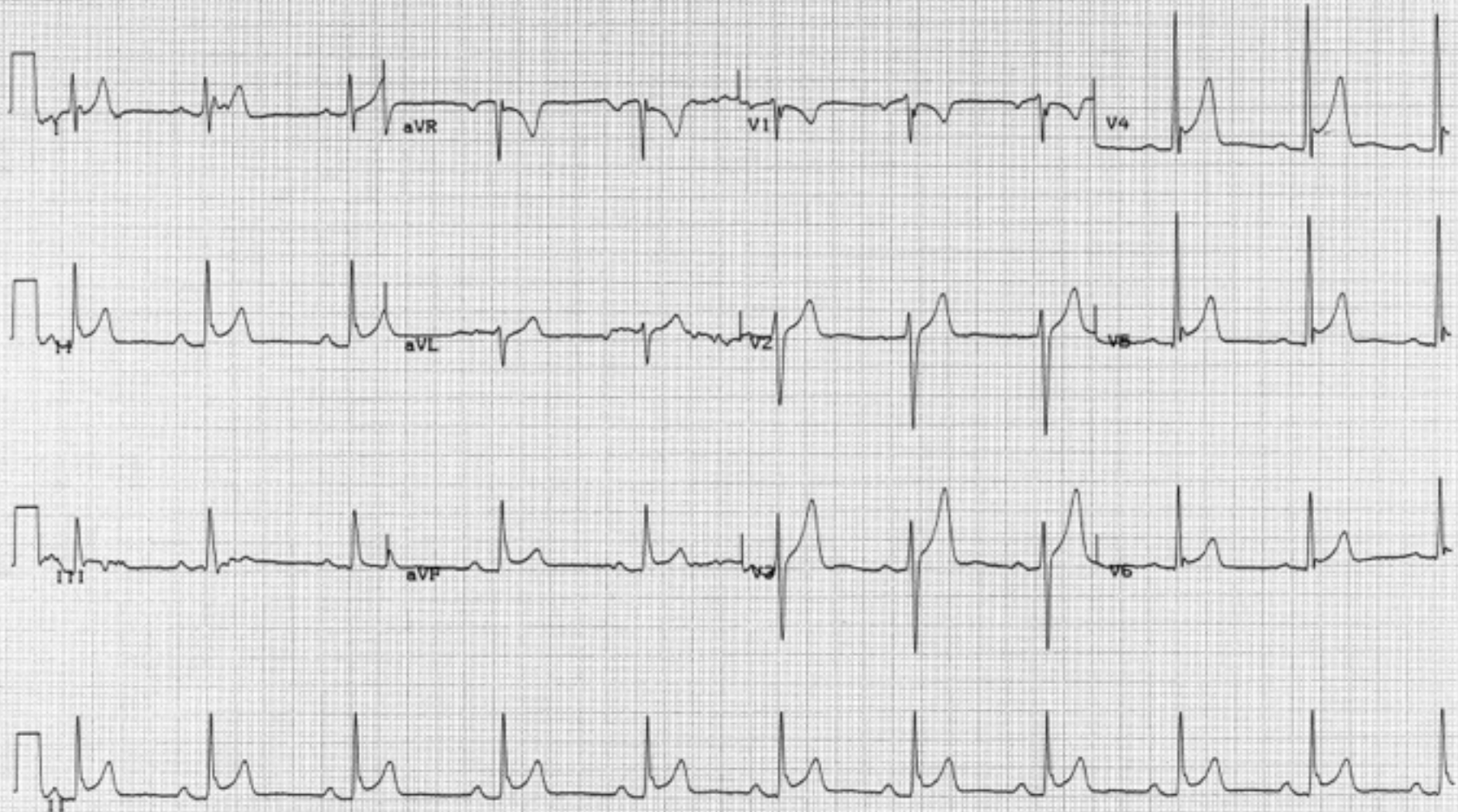
Vent. rate 62 BPH  
PR interval 192 ms  
QRS duration 96 ms  
QT/QTc 384/390 ms  
P-R-T axes 60 76 40

Cart: 1  
Tech.:

1. What are the causes of ST segment elevation on an ECG ?
2. What is the most likely cause in this well, young man ?

Referred by:

Unconfirmed





25mm/s Med:  
10mm/mV Age: Ht: Wt:  
40Hz Sex: Race:  
Pgm 007B Loc: Room:  
v206

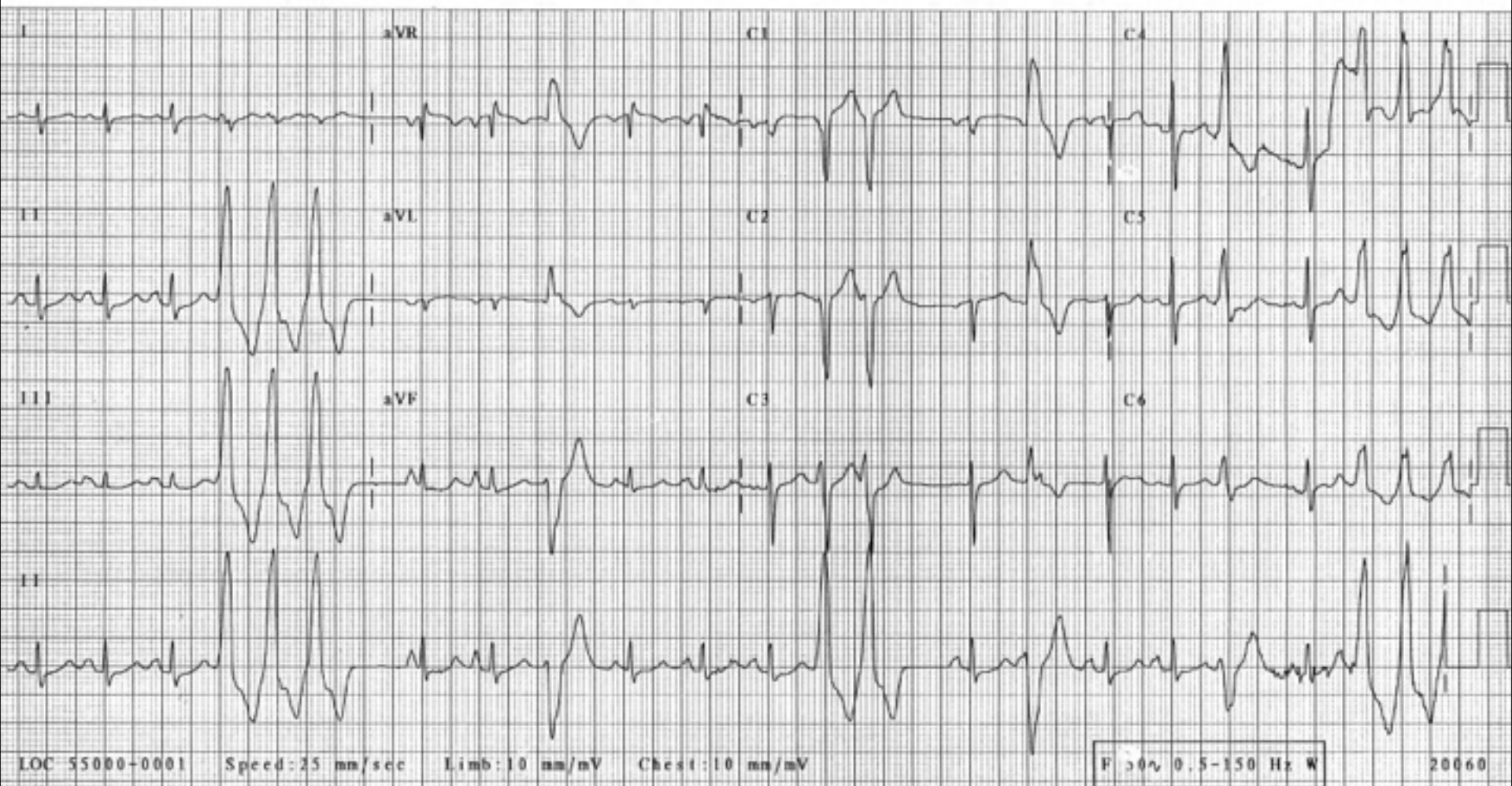
Vent. rate 149 BPM  
PR interval \* ms  
QRS duration 80 ms  
QT/QTc 272/426 ms  
P-R-T axes 258 51 78

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

Referred by: Unconfirmed



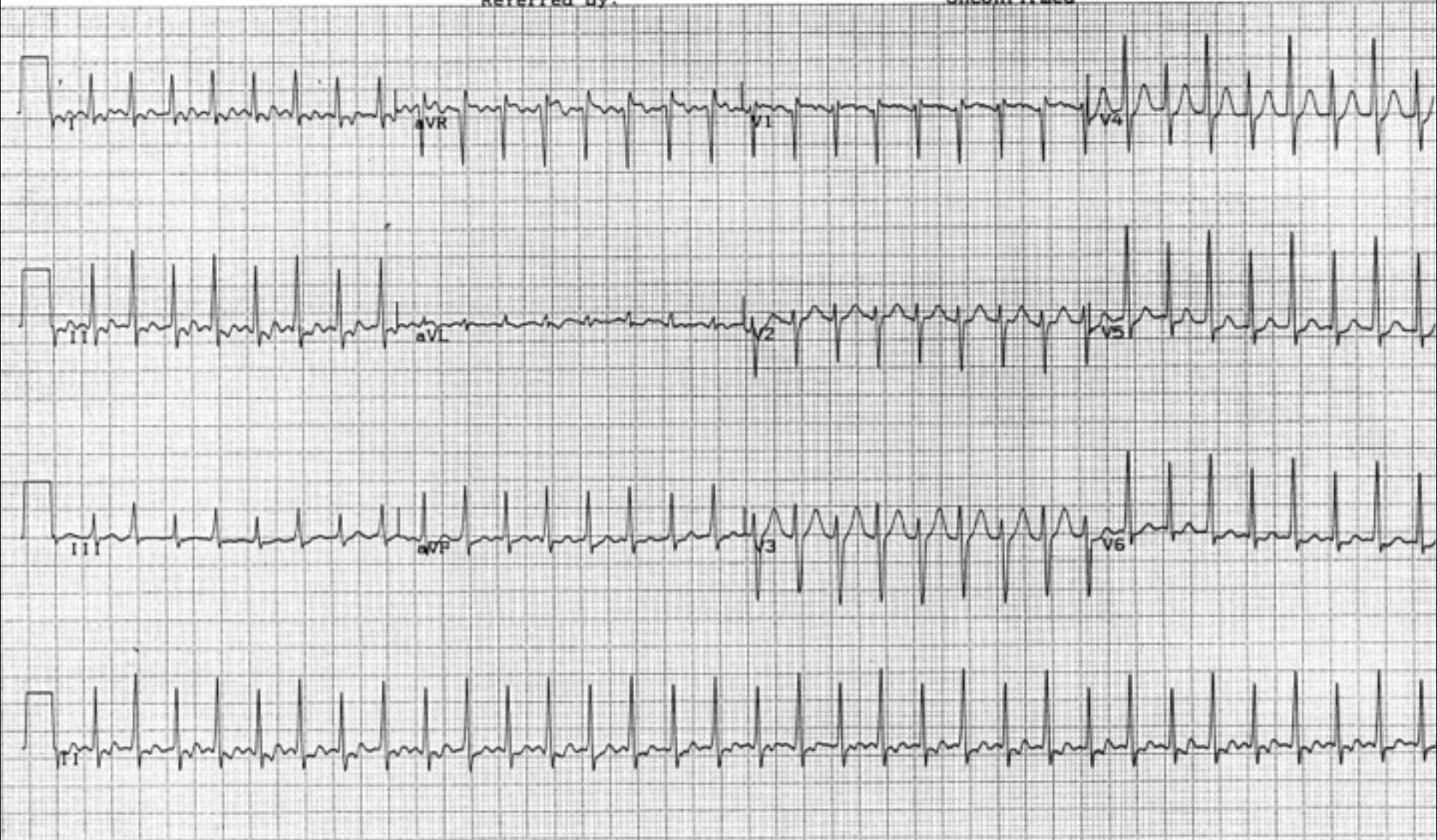
1. What features differentiate benign ectopic beats from malignant ones ?
2. What treatment does this patient require ?



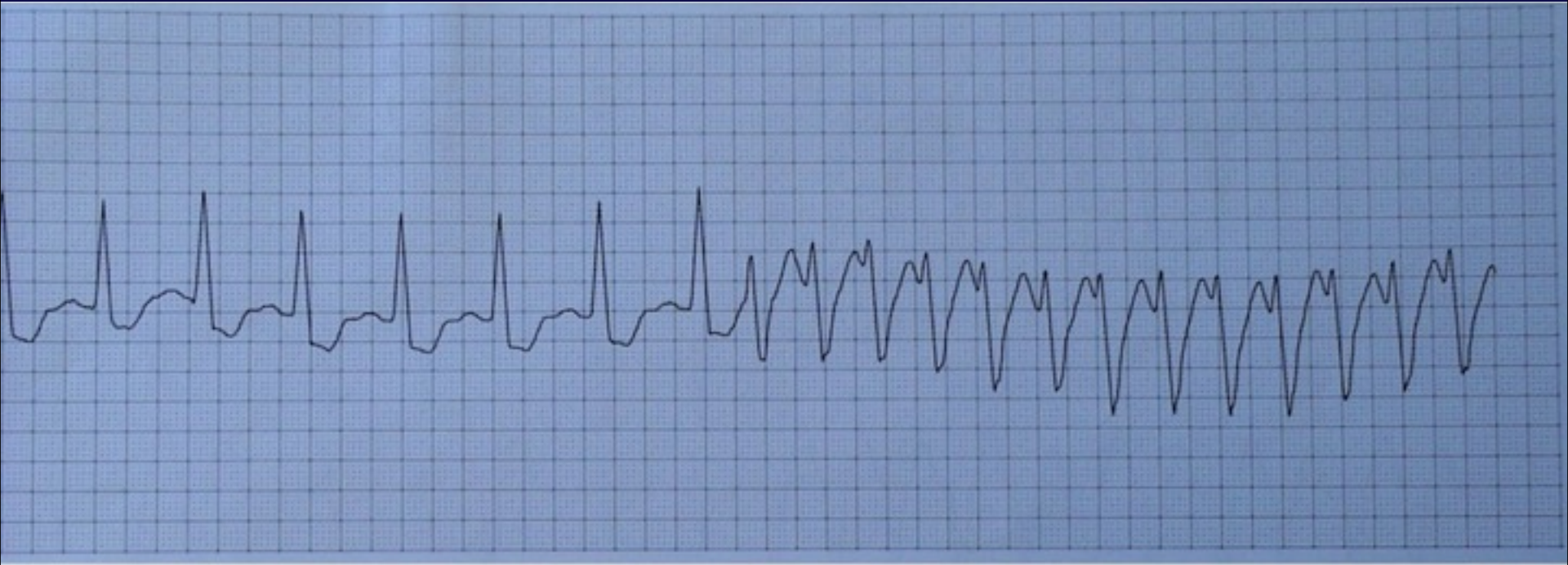
25mm/s Med: Age: Ht: Ht:  
10mm/mV Sex: Race:  
40Hz Loc: Room:  
Pgm 006A  
v206  
Vent. rate 200 BPM  
PR interval \* ms  
QRS duration 76 ms  
QT/QTc 224/406 ms  
Cart: 1 P-R-T axes \* 51 36  
Tech.:

1. What is this rhythm ?
2. What are the possible causes ?
3. What initial treatment is required ?

Referred by: Unconfirmed



1. What is this phenomenon known as ?
2. What is management is required ?



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

Med:  
Age:  
Sex:  
Loc:

Ht:  
Race:  
Room:


Wt:

Vent. rate 81 BPM  
PR interval 136 ms  
QRS duration 92 ms  
QT/QTc 420/483 ms  
P-R-T axes 84 78 80

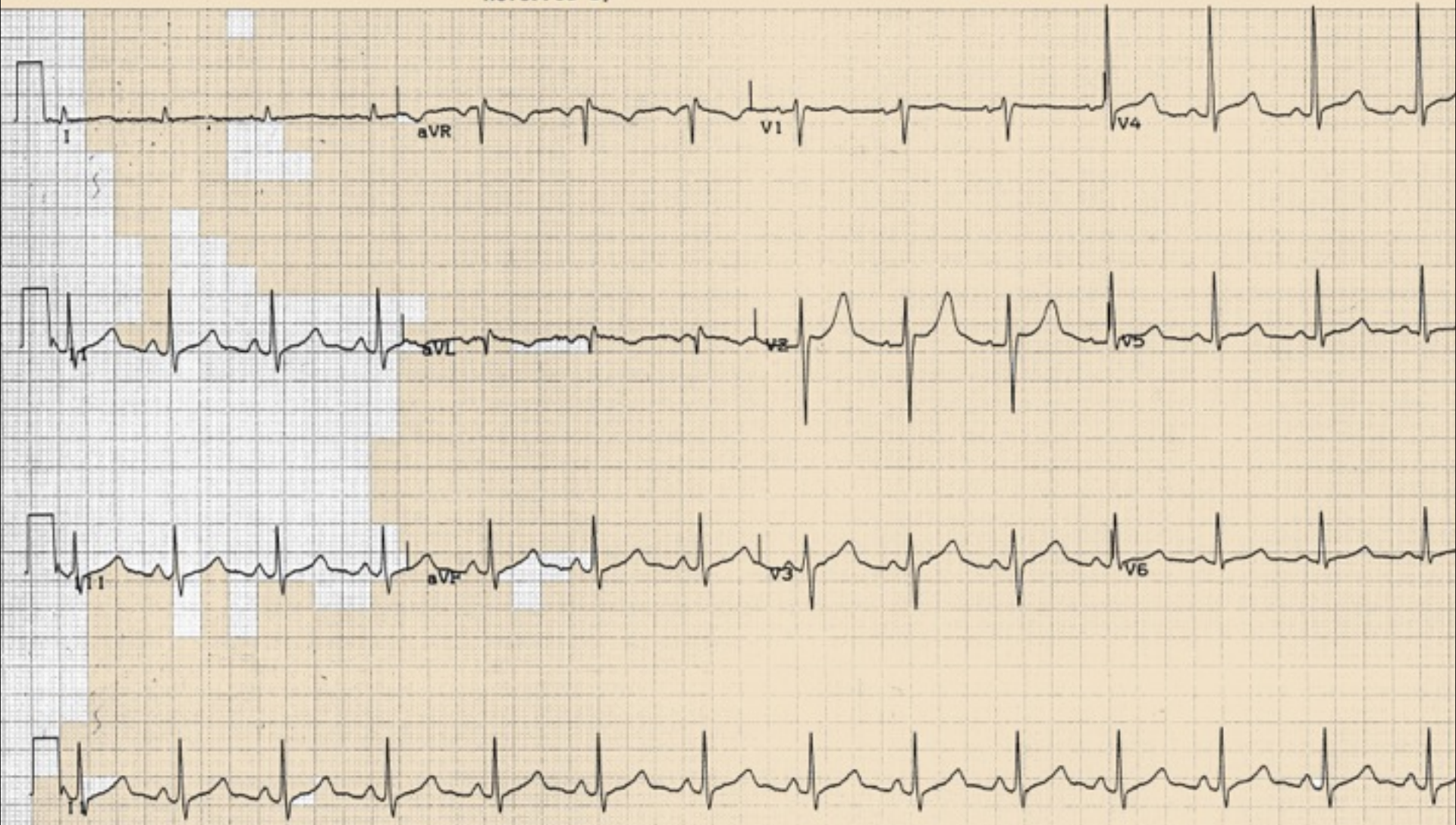
Cart: 1  
Tech.:

Referred by:

Unconfirmed



1. What is abnormality is shown on this tracing ?
2. What are the causes of this ?



*Any Questions ?*