

MS 3 ECG Practice Exam

From June 1999

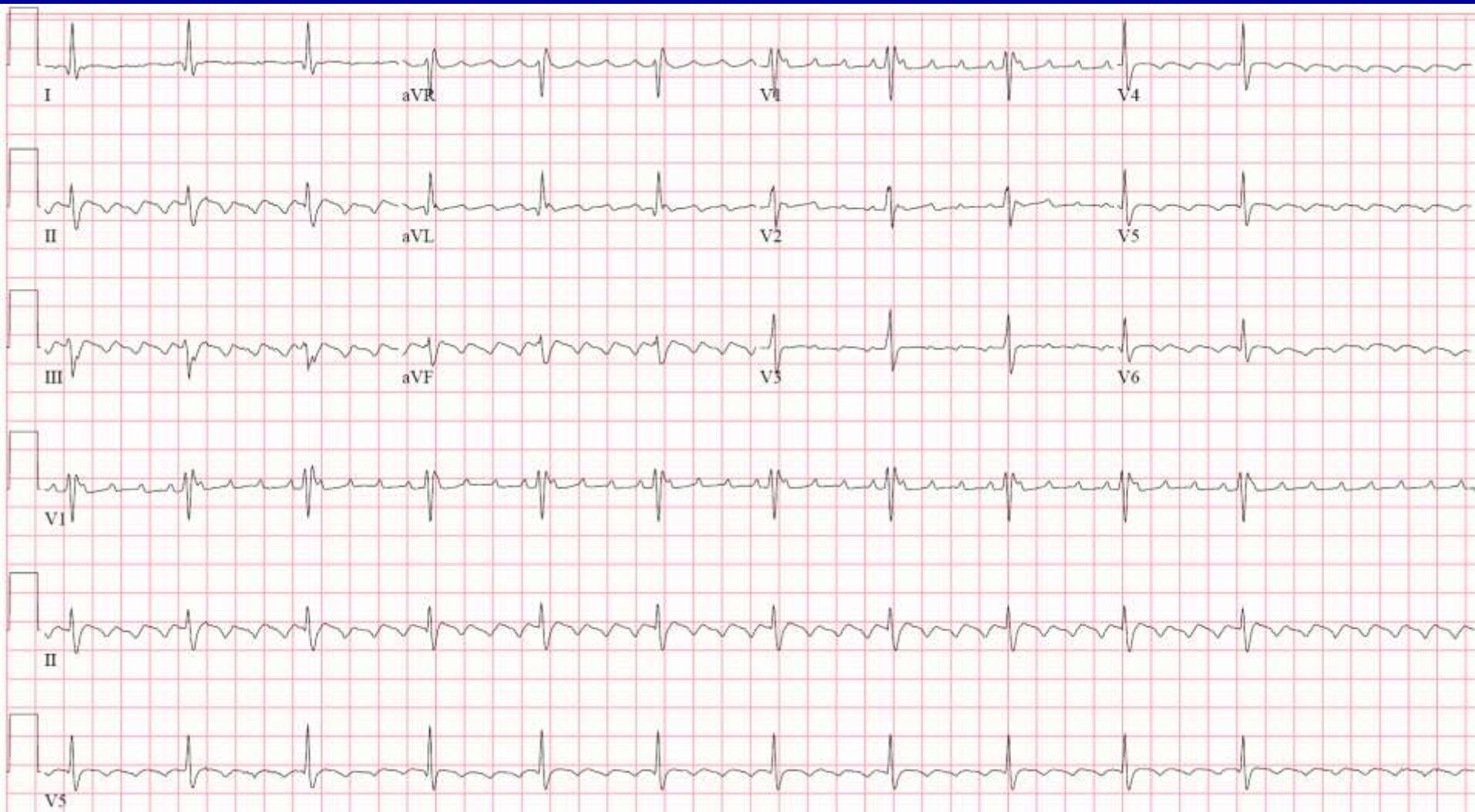
Joe M. Moody, Jr, MD

UTHSCSA and STVAHCS

ECG Test Question #1:

Which one of the following diagnoses applies to this tracing?

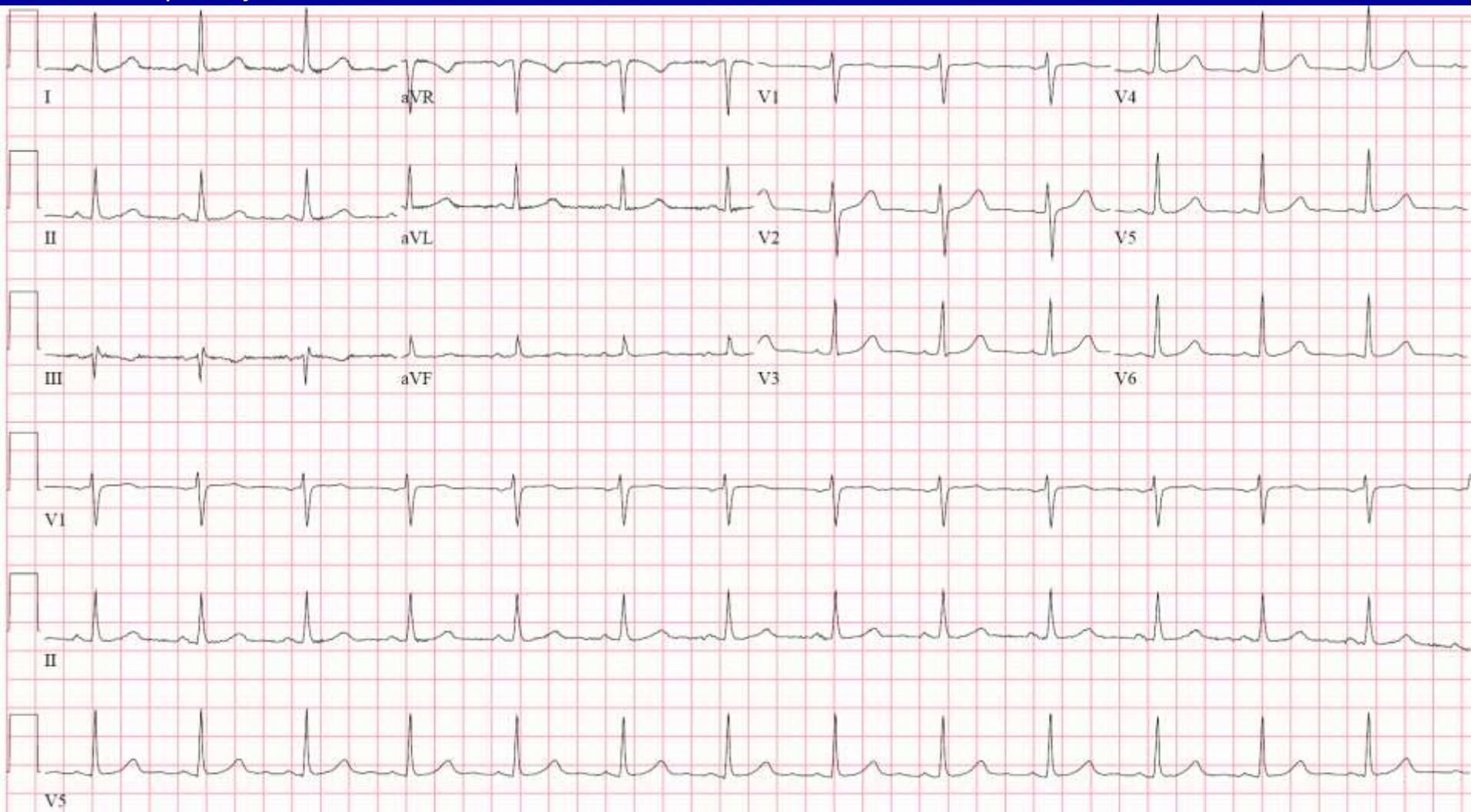
- A: Normal sinus rhythm
- B: Second degree AV block, Mobitz Type I (Wenckebach)
- C: Transmural inferior wall injury
- D: Atrial flutter
- E: Left ventricular hypertrophy



ECG Test Question #2.

Which one of the following best characterizes this ECG?

- A: Inferior Myocardial infarction
- B: Sinus rhythm
- C: Atrial fibrillation
- D: Left bundle branch block
- E: Anteroseptal myocardial infarction



ECG Test Question #3.

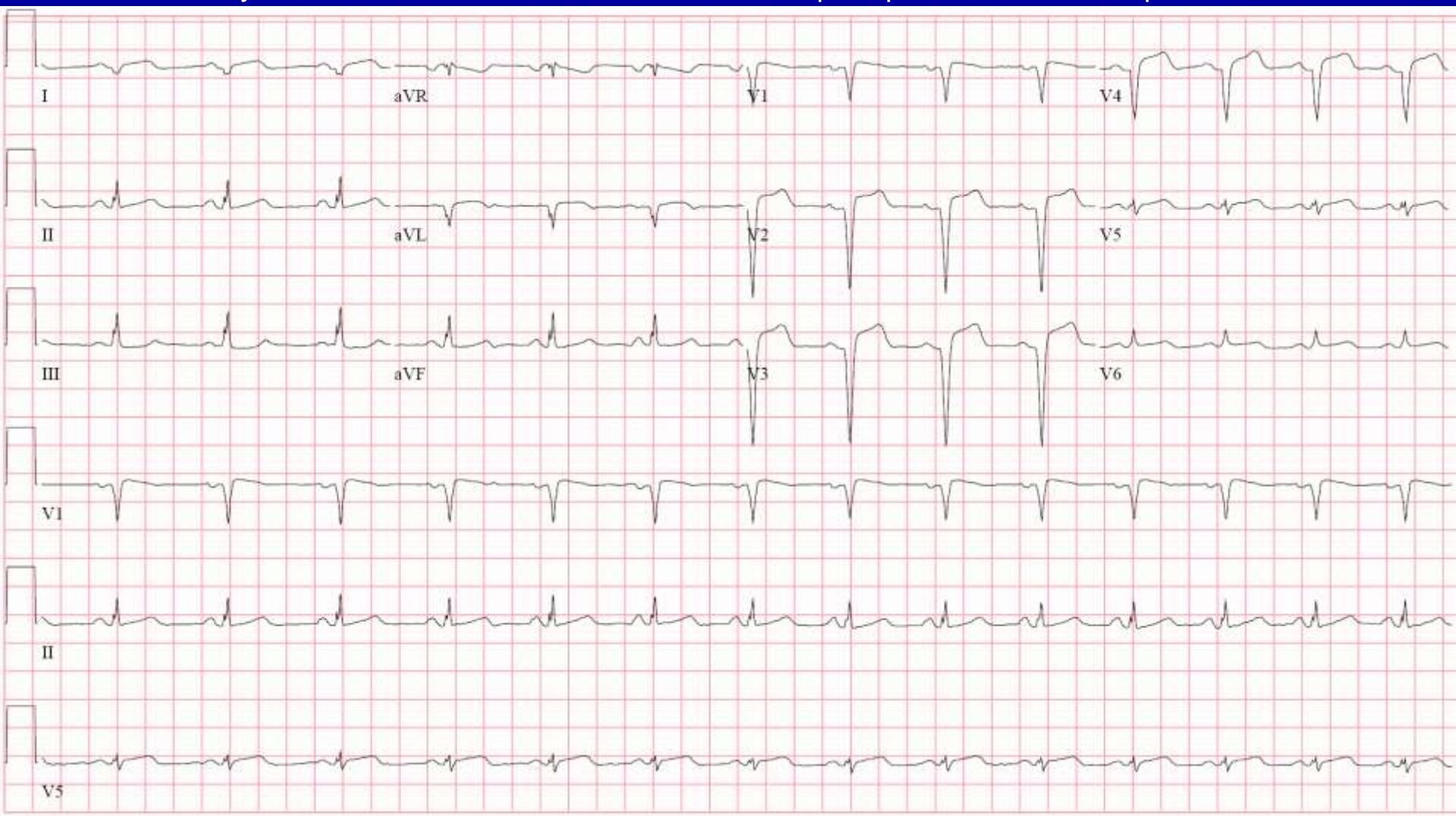
What is the QRS axis?

- A: Normal
- B: Left Axis deviation
- C: Right axis deviation
- D: Northwest axis
- E: Indeterminate axis

ECG Test Question #4.

Which one of the following diagnoses best applies?

- A: Right atrial enlargement
- B: Left atrial enlargement
- C: Sinus bradycardia
- D: Right ventricular hypertrophy
- E: Anterolateral myocardial infarction



ECG Test Question #5.

Which one of the following statements best applies?

- A: Left axis deviation is present
- B: QRS duration is 0.14 sec (prolonged)
- C: First degree AV block
- D: The infarction is not old
- E: Frequent premature atrial complexes

ECG Test Question #6.

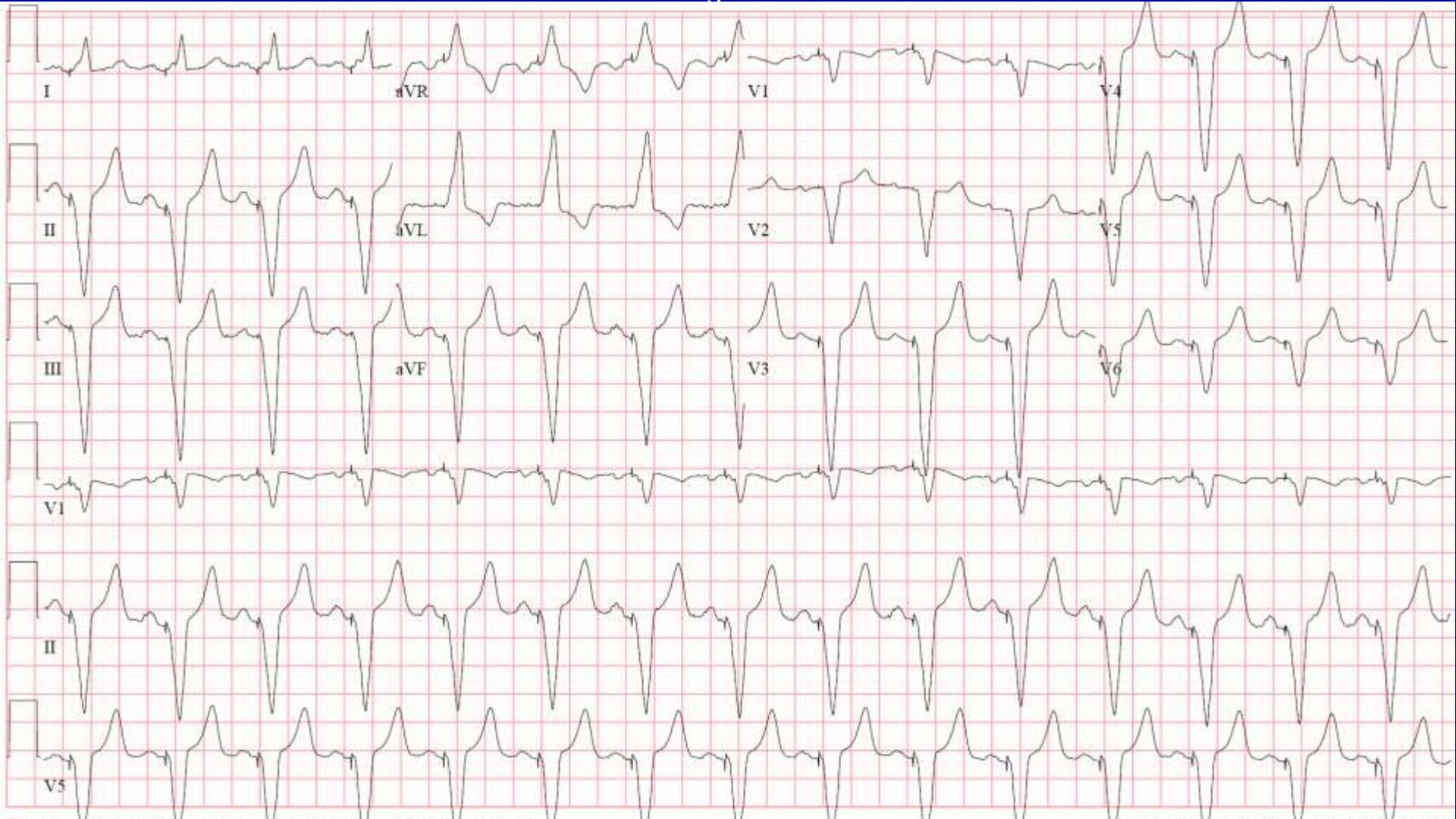
What is the QRS duration of this tracing?

- A: 0.06 sec
- B: 0.08 sec
- C: 0.12 sec
- D: 0.16 sec
- E: 0.20 sec

ECG Test Question #7.

Which one of the following statements is most true?

- A: Wolff-Parkinson-White pattern
- B: Ventricular pacemaker
- C: Anteroseptal myocardial infarction
- D: Lateral myocardial infarction
- E: Right bundle branch block



ECG Test Question #8.

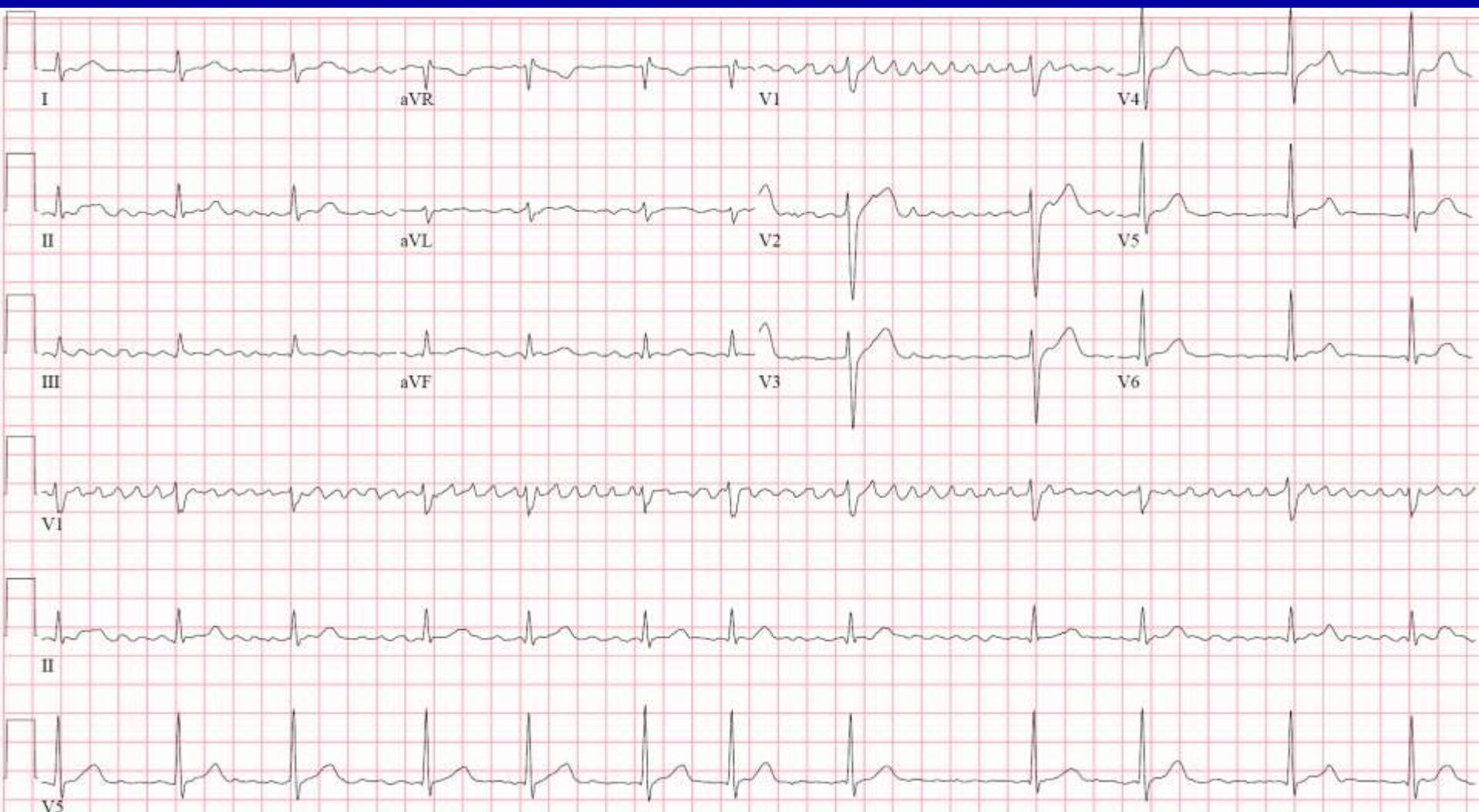
What is the ventricular rate?

- A: 50
- B: 72
- C: 120
- D: 48
- E: 400

ECG Test Question #9.

Which one of the following statements is most true?

- A: Normal sinus rhythm
- B: Sinus tachycardia
- C: Atrial fibrillation
- D: Atrial flutter
- E: Prolonged QT interval



ECG Test Question #10.

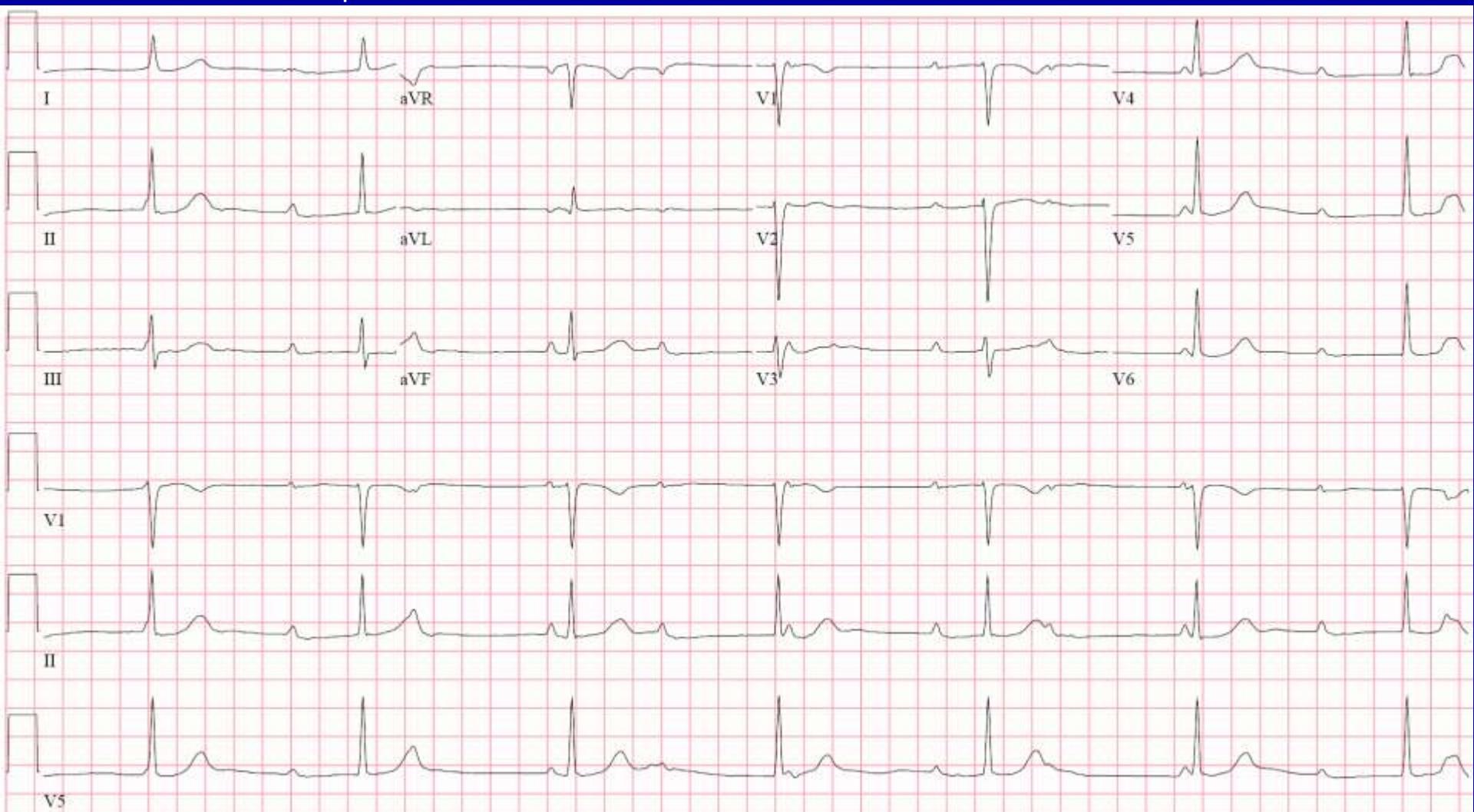
Select the one best answer for this tracing.

- A: Complete heart block
- B: Sinus bradycardia
- C: Ectopic atrial rhythm
- D: Right ventricular hypertrophy
- E: Wolff-Parkinson-White pattern

ECG Test Question #11.

The atrial rate is approximately

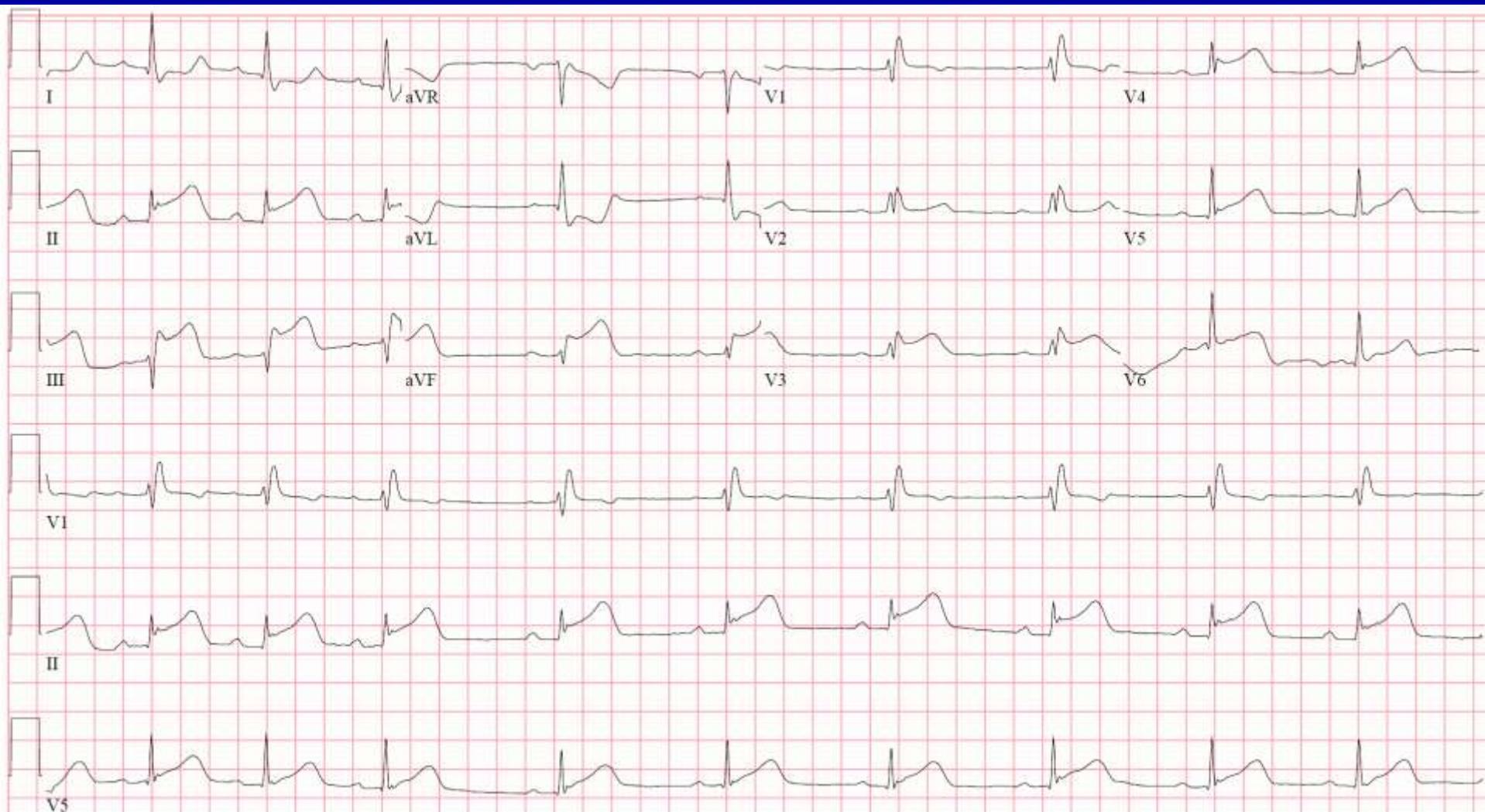
- A: 66 beats/min
- B: 88 beats/min
- C: 100 beats/min
- D: 120 beats/min
- E: 48 beats/min



ECG Test Question #12.

The best diagnosis of the following choices is

- A: Left anterior fascicular block
- B: Acute pericarditis
- C: Inferior wall transmural injury
- D: Left bundle branch block
- E: Left ventricular hypertrophy



ECG Test Question #13.

The best diagnosis of the following choices is

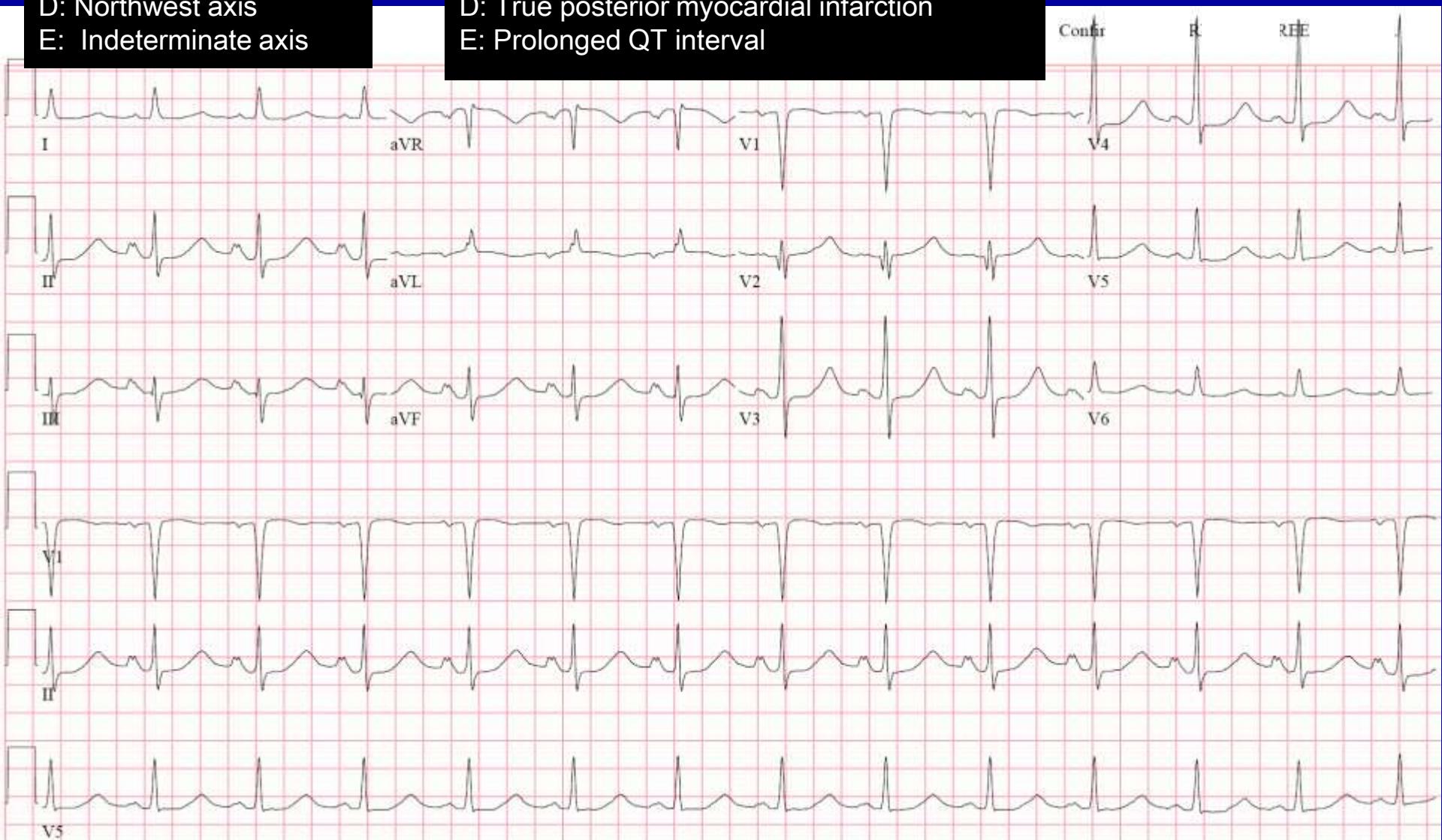
- A: Complete AV block
- B: Sinus arrhythmia
- C: Mobitz I (Wenckebach) second degree AV block
- D: Atrial fibrillation
- E: Nonconducted PAC's

ECG Test Question #14.
The QRS axis is:

- A: Normal
- B: Left Axis deviation
- C: Right axis deviation
- D: Northwest axis
- E: Indeterminate axis

ECG Test Question #15.
The best diagnosis of the following choices is

- A: Right ventricular hypertrophy
- B: Right bundle branch block
- C: Hypokalemia
- D: True posterior myocardial infarction
- E: Prolonged QT interval



ECG Test Question #16.

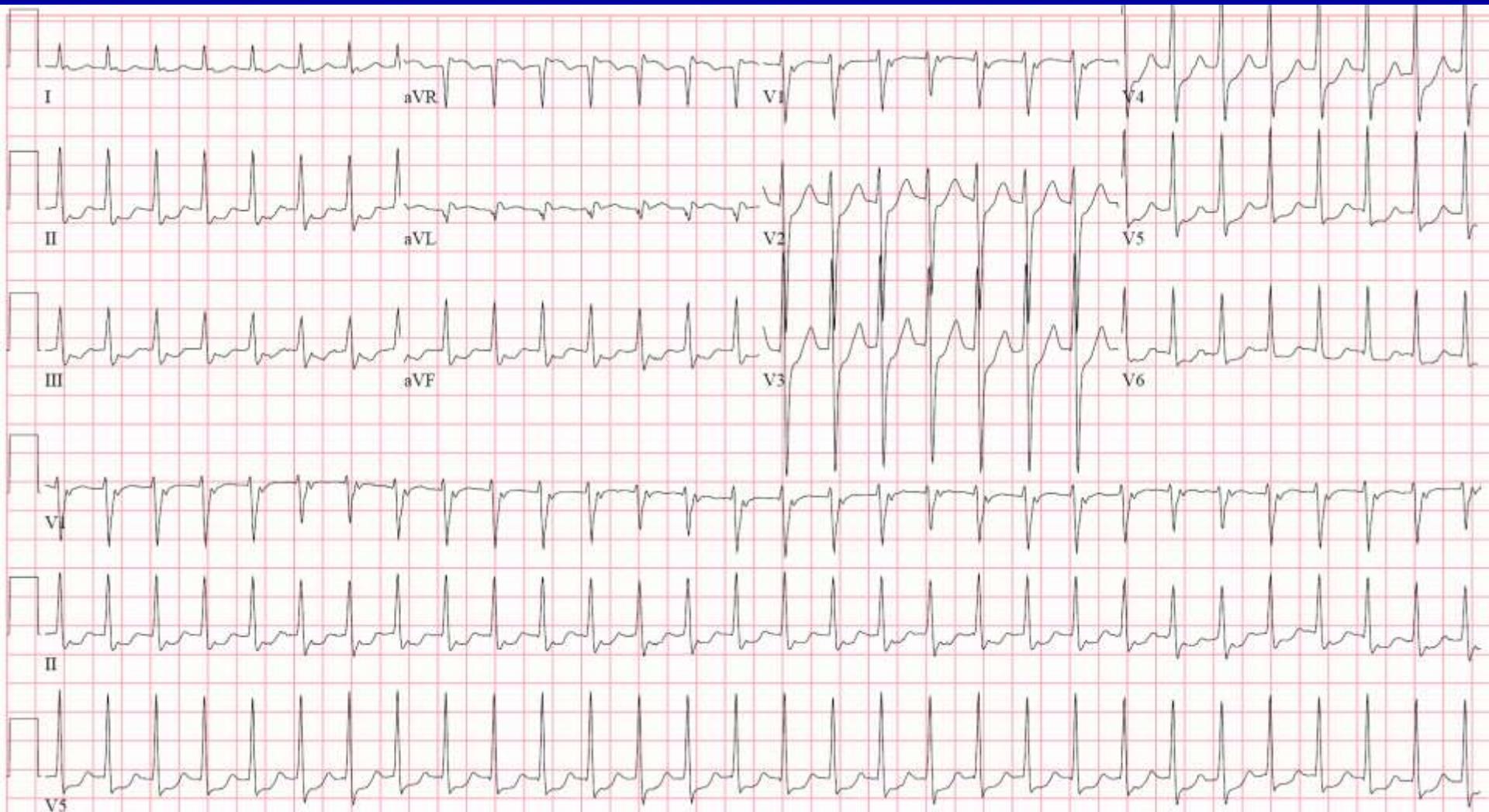
The best diagnosis of the following choices is:

- A: Sinus tachycardia
- B: Atrial fibrillation with rapid ventricular response
- C: Ventricular tachycardia
- D: Wolff-Parkinson-White pattern
- E: Supraventricular tachycardia

ECG Test Question #17.

The ventricular rate is

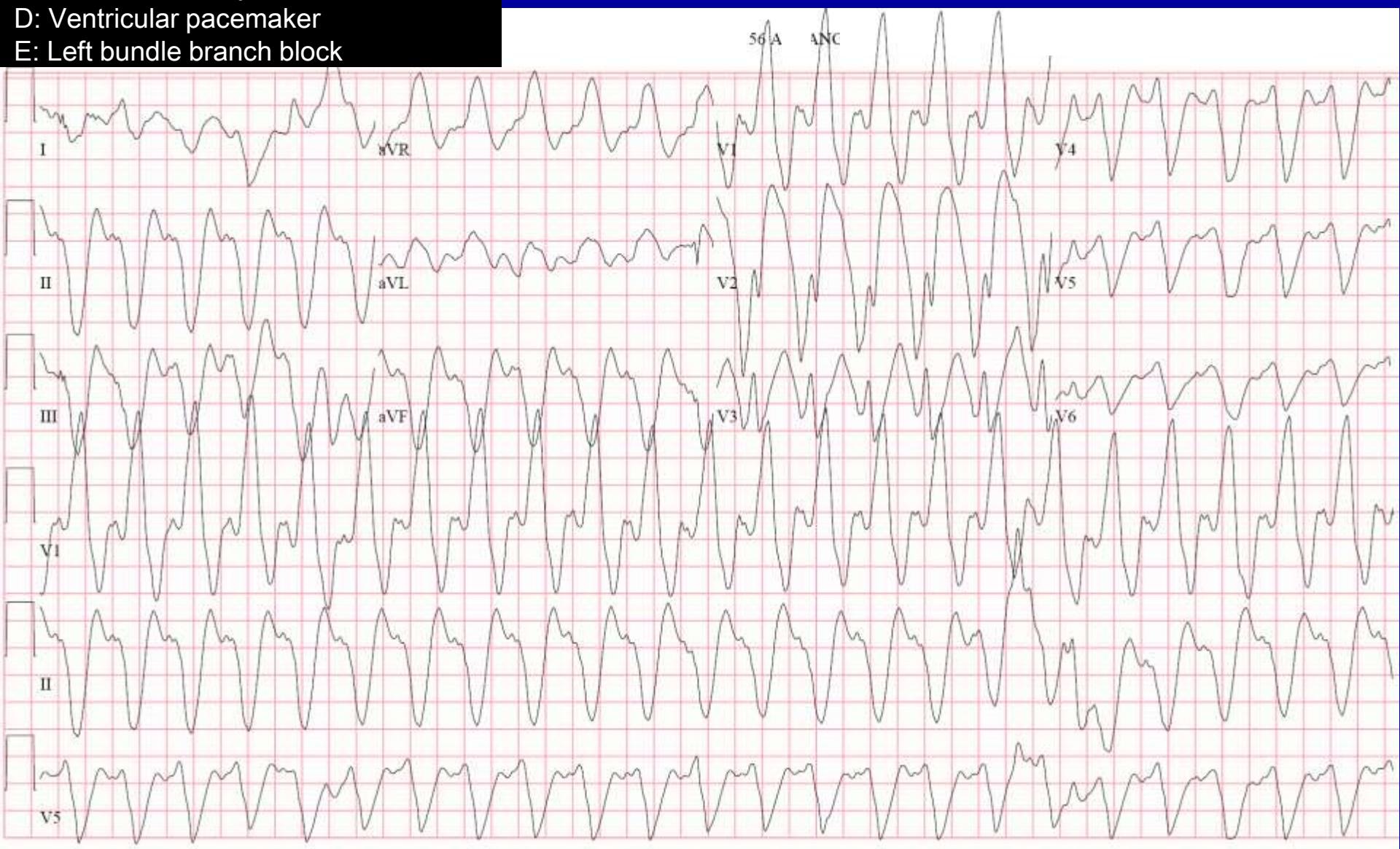
- A: 100 beats/min
- B: 125 beats/min
- C: 150 beats/min
- D: 175 beats/min
- E: 200 beats/min



ECG Test Question #18.

This ECG represents

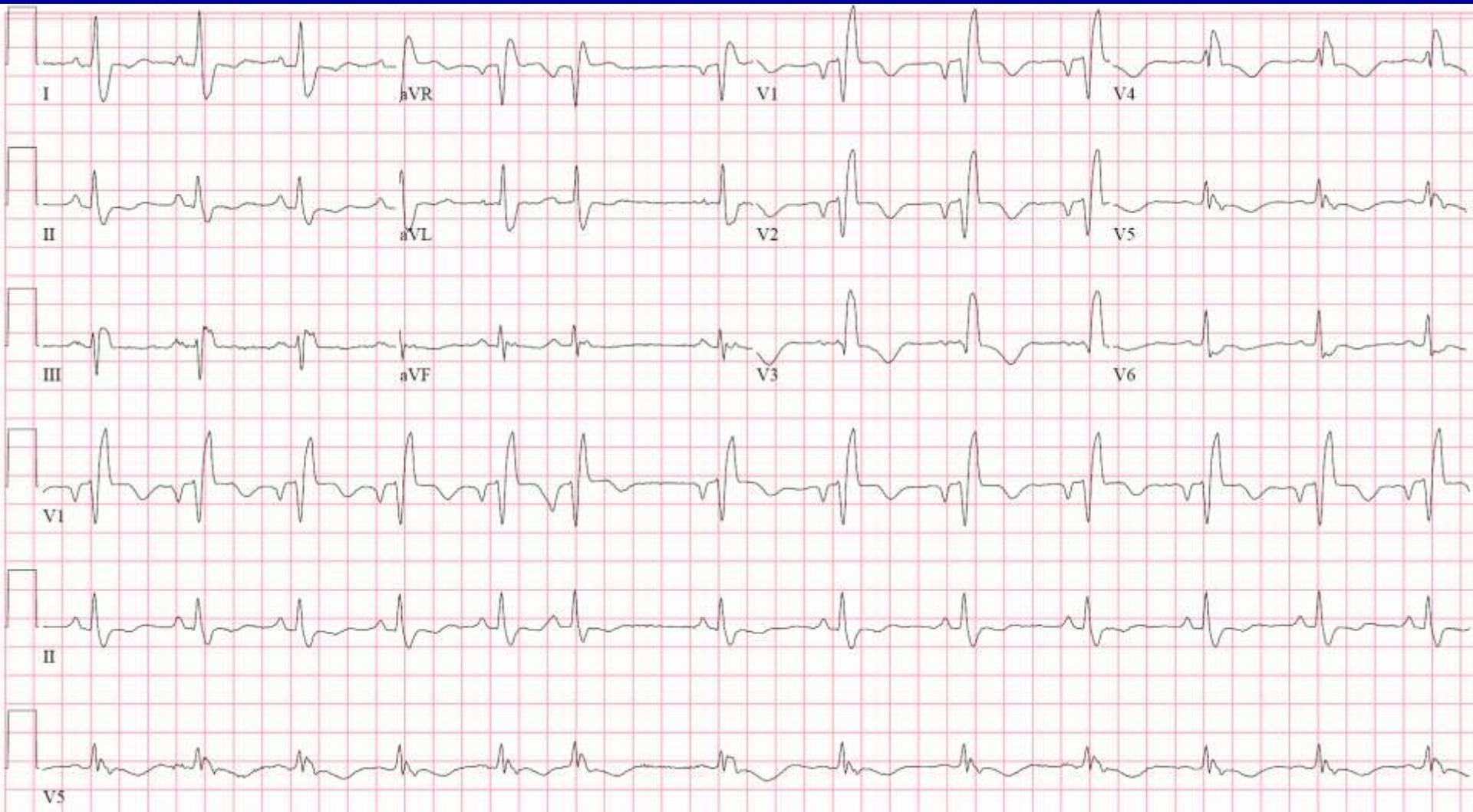
- A: Acute inferior myocardial infarction
- B: Acute pericarditis
- C: Ventricular tachycardia
- D: Ventricular pacemaker
- E: Left bundle branch block



ECG Test Question #19.

The best diagnosis among the following choices is:

- A: Right bundle branch block
- B: Wolff-Parkinson-White pattern
- C: Left bundle branch block
- D: Ventricular pacemaker
- E: True posterior myocardial infarction



ECG Test Question #20.

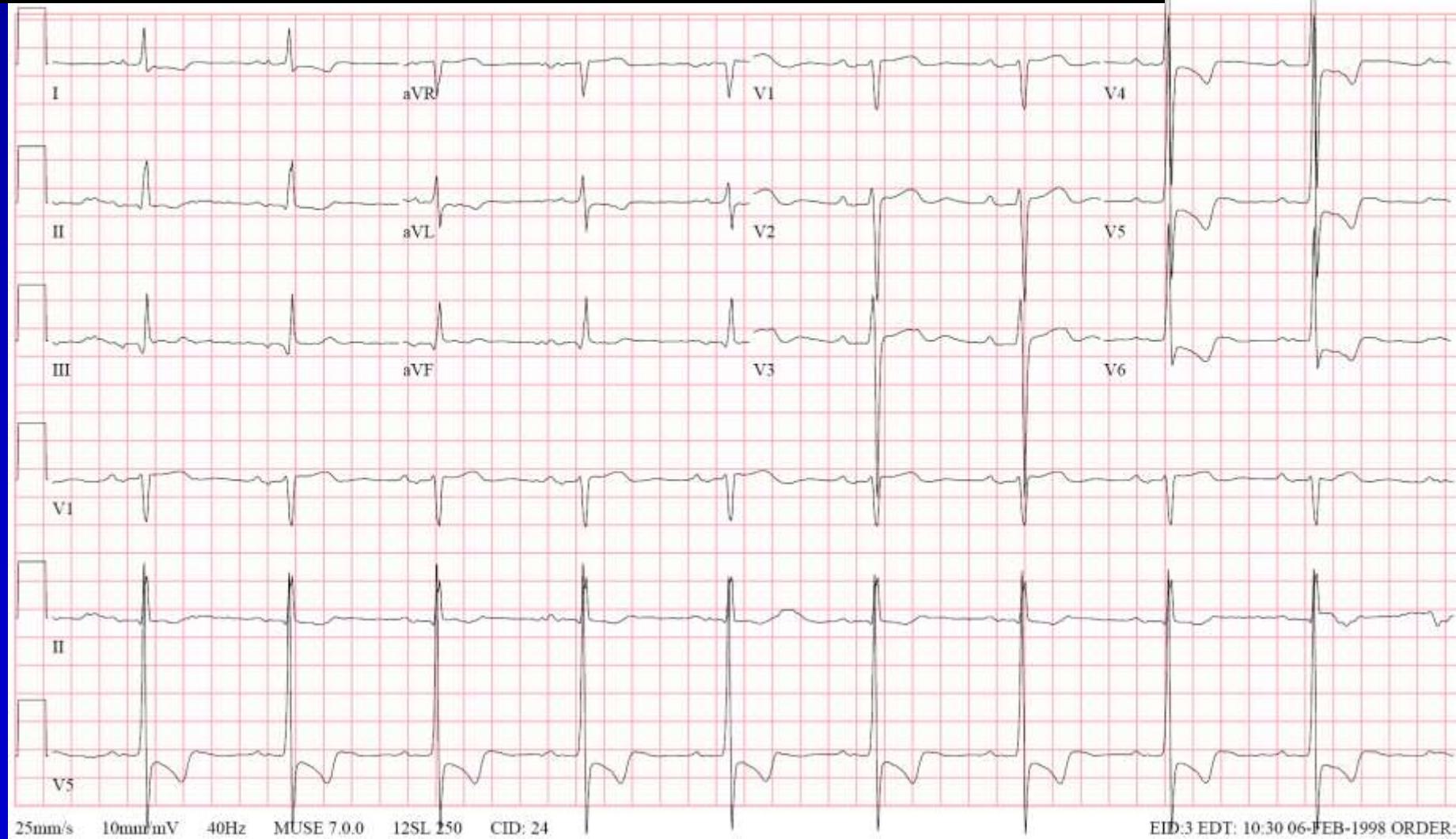
The best diagnosis among the following choices is:

- A: The PR interval is 0.10 sec
- B: Left atrial enlargement
- C: Inferior wall myocardial infarction
- D: Mobitz II second degree AV block
- E: Premature ventricular complex

ECG Test Question #21.

The best diagnosis among the following choices is:

- A: Left bundle branch block
- B: Left ventricular hypertrophy
- C: Right axis deviation
- D: Anterior myocardial infarction
- E: Normal QRS



ECG Test Question #22.

The rhythm is:

- A: Sinus tachycardia
- B: Ectopic atrial rhythm
- C: Multifocal atrial tachycardia
- D: Sinus bradycardia
- E: Junctional rhythm



ECG Test Question #23.

This patient has which one of the following:

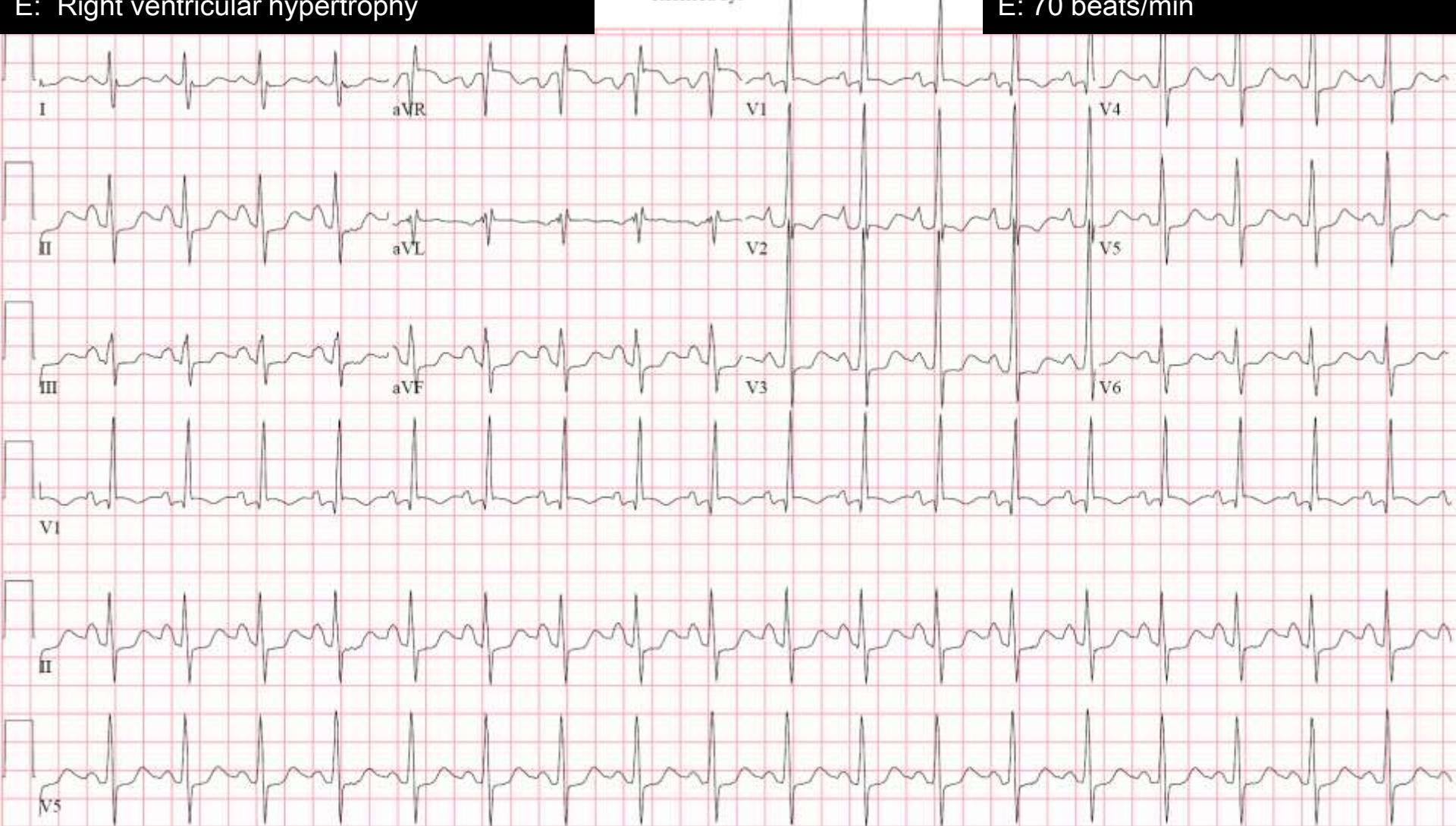
- A: Inferior myocardial infarction
- B: Ventricular pacemaker
- C: Atrial pacemaker
- D: Left ventricular hypertrophy
- E: Right ventricular hypertrophy

ECG Test Question #24.

The ventricular rate is most nearly

- A: 90 beats/min
- B: 50 beats/min
- C: 130 beats/min
- D: 110 beats/min
- E: 70 beats/min

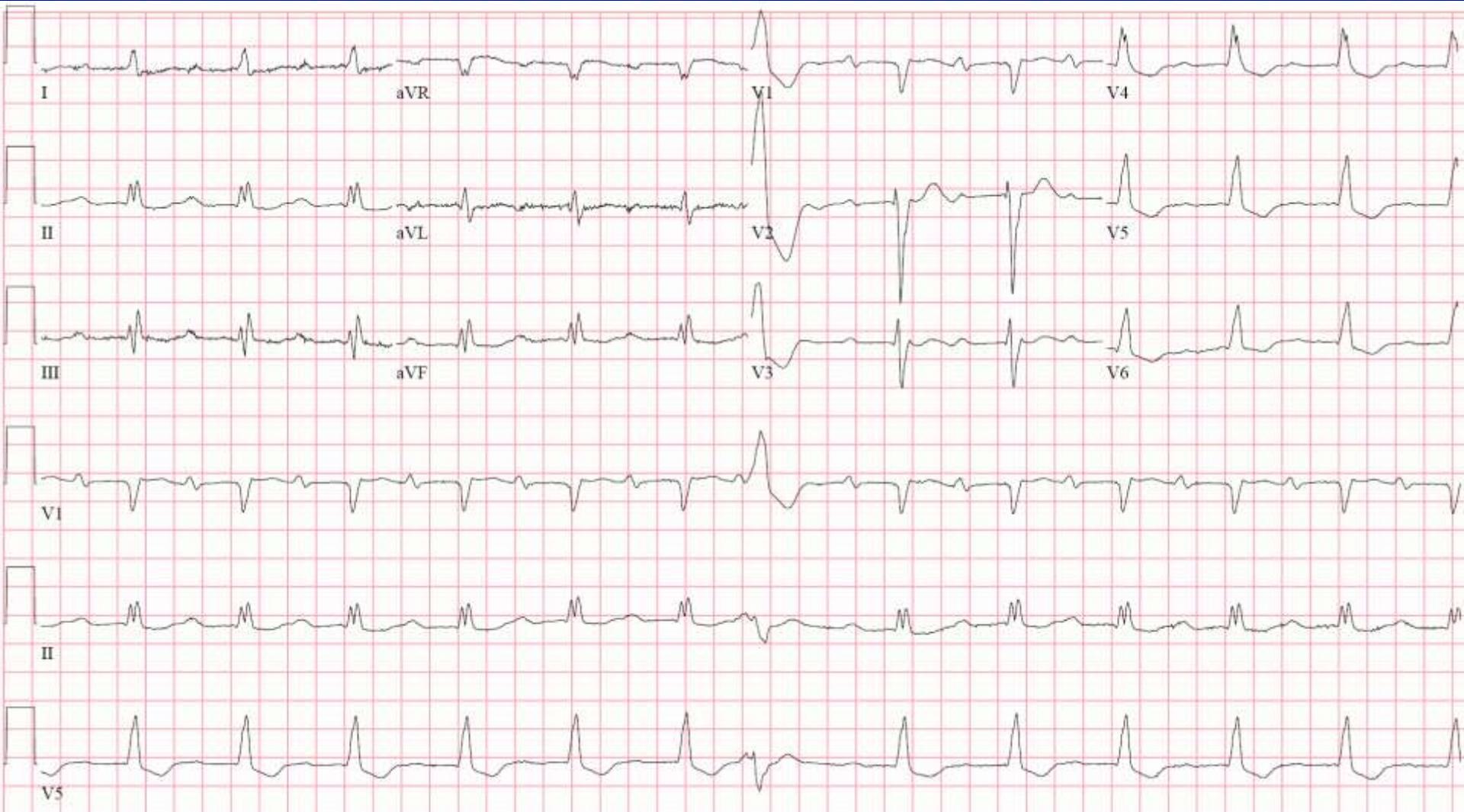
Referred by:



ECG Test Question #25.

This ECG shows which one of the following:

- A: Left ventricular hypertrophy
- B: Right bundle branch block
- C: Wolff-Parkinson-White pattern
- D: Sinus bradycardia
- E: First degree AV block



ECG Test Question #26.

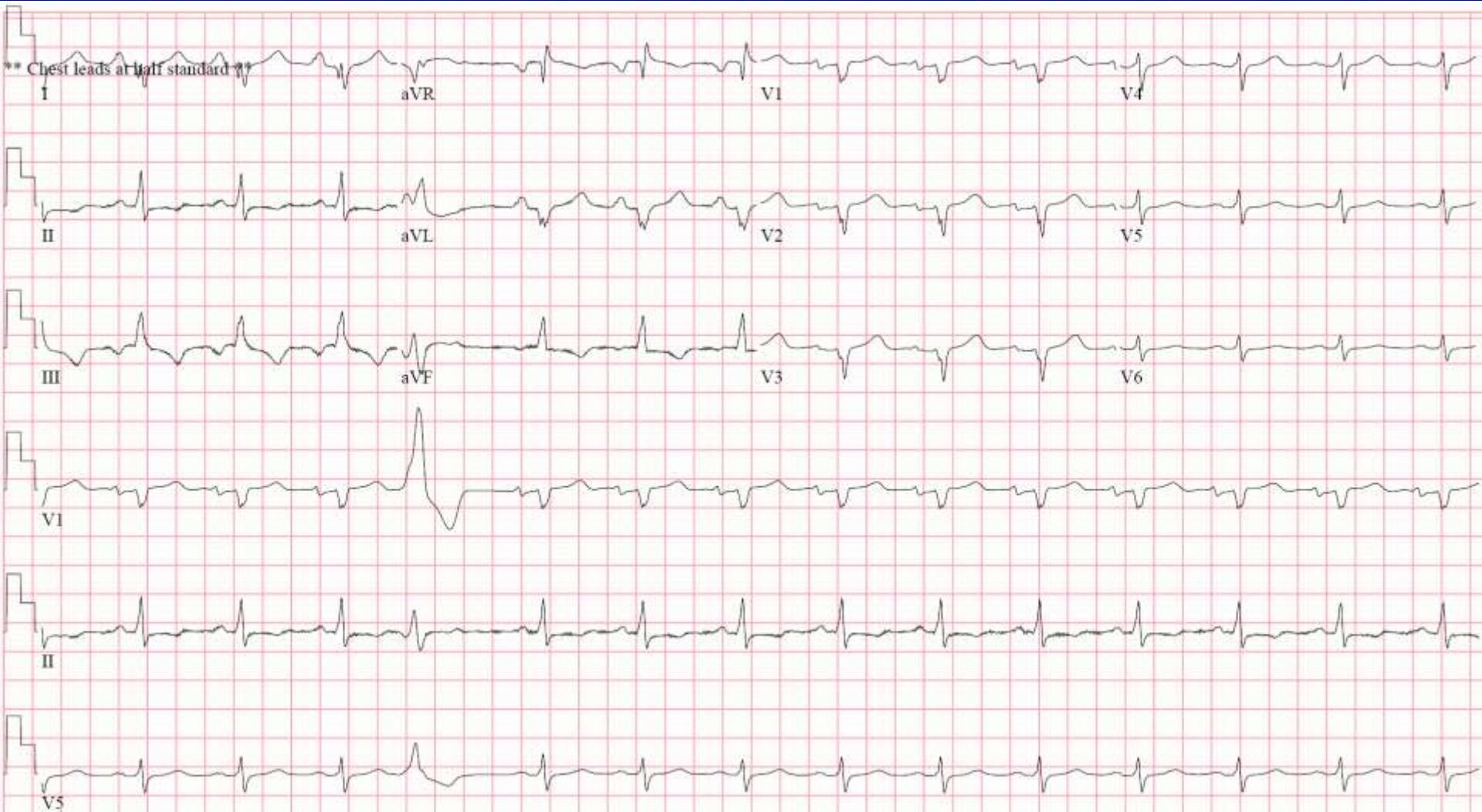
The best diagnosis among the following choices is:

- A: Nonconducted premature atrial complex
- B: Premature ventricular complex
- C: Pacemaker failure to sense
- D: Ventricular couplet
- E: Lateral myocardial infarction

ECG Test Question #27.

This ECG shows which one of the following:

- A: Left ventricular hypertrophy
- B: Right bundle branch block
- C: Wolff-Parkinson-White pattern
- D: Anterolateral myocardial infarction
- E: First degree AV block



ECG Test Question #28.

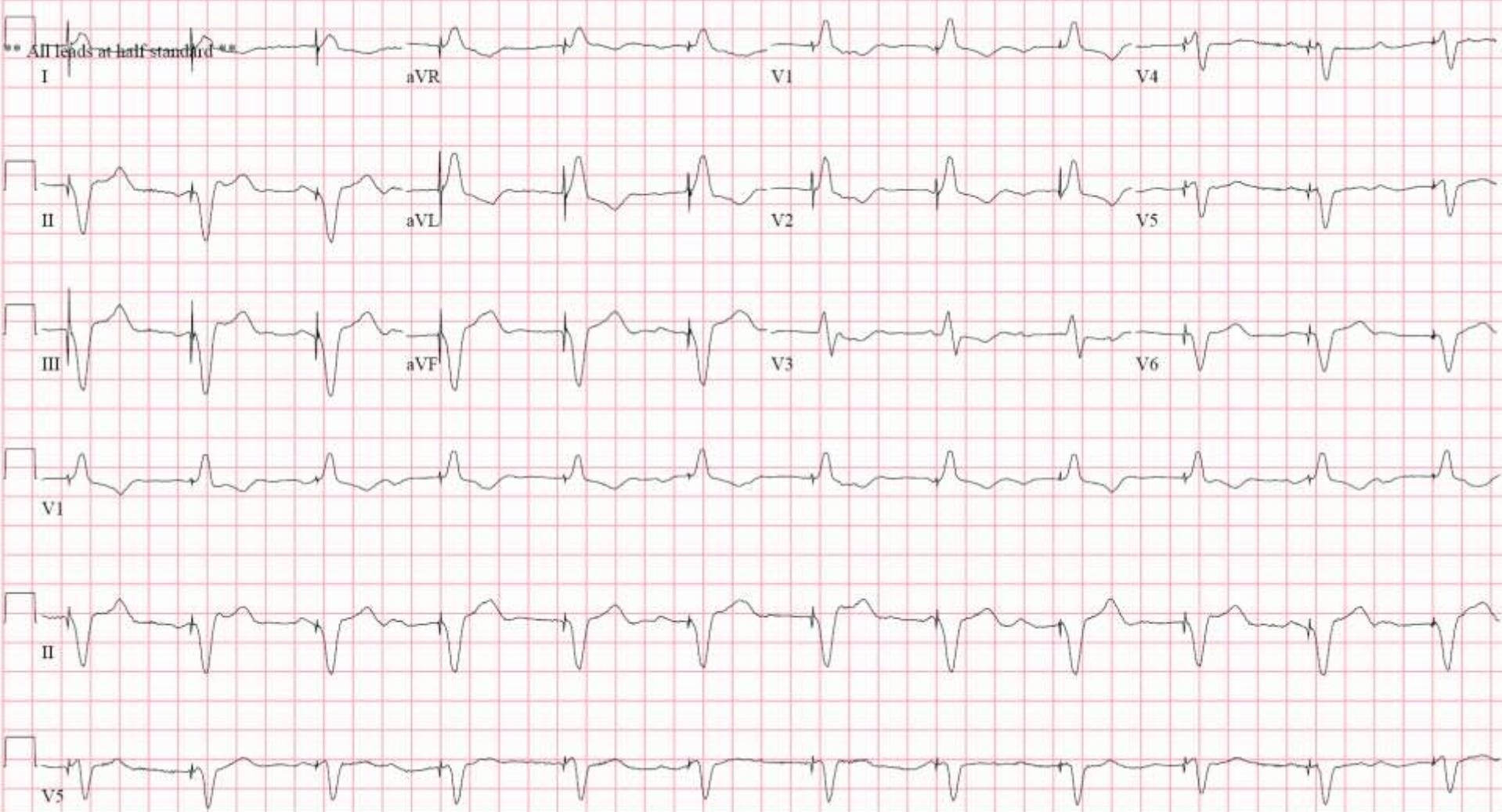
The best diagnosis among the following choices is:

- A: Premature atrial complex
- B: Right axis deviation
- C: Left axis deviation
- D: Sinus tachycardia
- E: Sinus arrhythmia

ECG Test Question #29.

This ECG shows which one of the following:

- A: Ventricular pacemaker
- B: Right bundle branch block
- C: Wolff-Parkinson-White pattern
- D: Left ventricular hypertrophy
- E: First degree AV block



ECG Test Question #30.

The best diagnosis among the following choices is:

- A: Premature atrial complex
- B: Right axis deviation
- C: Left axis deviation
- D: Sinus tachycardia
- E: Sinus arrhythmia

ECG Test Question #31.

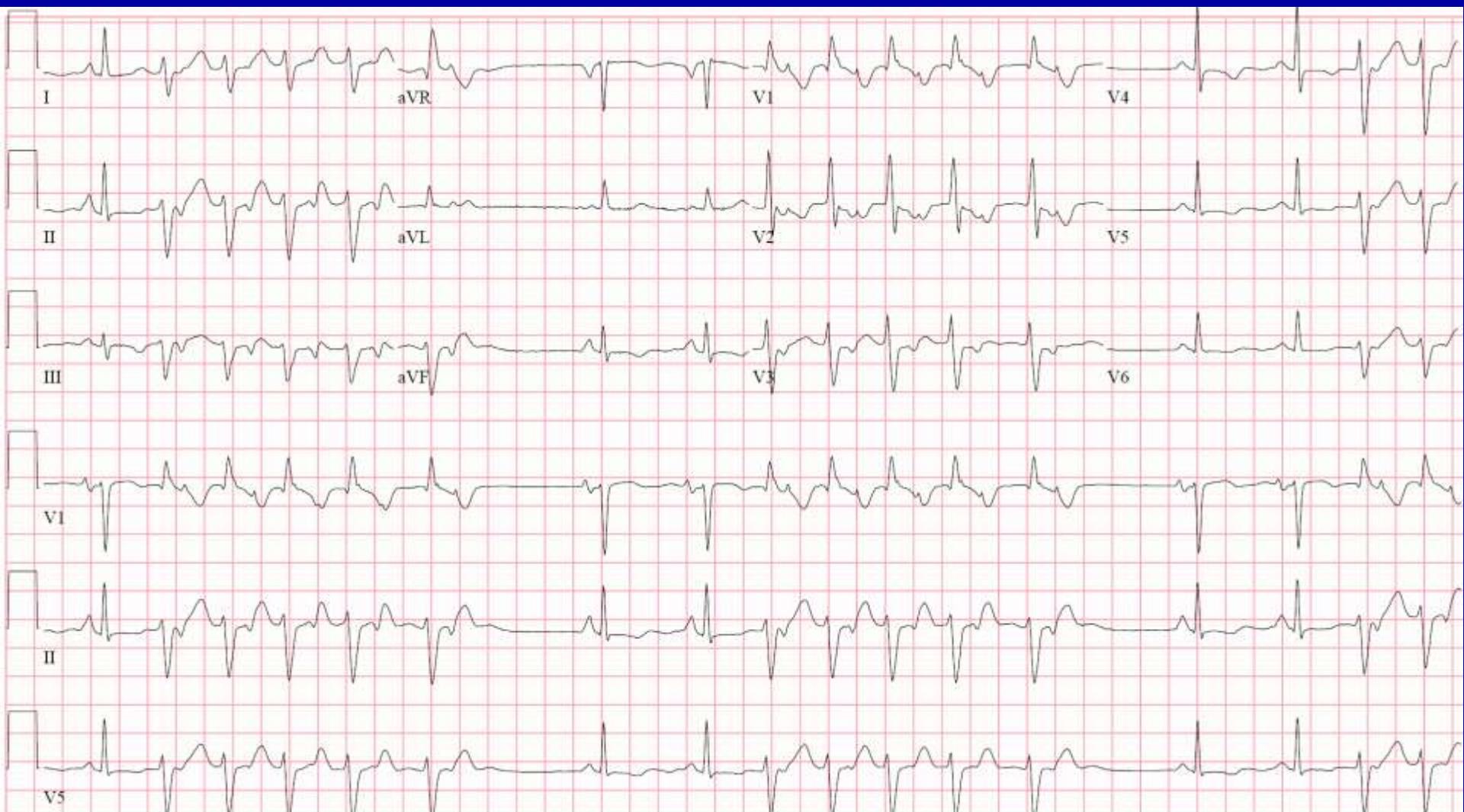
The QRS axis of the normal beat is:

- A: Normal
- B: Left Axis deviation
- C: Right axis deviation
- D: Northwest axis
- E: Indeterminate axis

ECG Test Question #32.

The QRS axis of the abnormal beats (VTach) is:

- A: Normal
- B: Left Axis deviation
- C: Right axis deviation
- D: Northwest axis
- E: Indeterminate axis



ECG Test Question #33.

The 10th and 11th QRS complexes most likely represent:

- A: Premature ventricular complexes
- B: Ventricular pacemaker with failure to sense
- C: PAC with aberrant ventricular conduction
- D: Ventricular tachycardia
- E: Wolff-Parkinson-White pattern

