



The patient is a 40-year-old man with no cardiac symptoms who has come to you for a check-up. Examination was normal, apart from the arrhythmia.

### QUESTION 1: Which ONE of the following is the best ECG diagnosis?

- Sinus rhythm with ventricular bigeminy.
- Sinus rhythm with interpolated and non-interpolated PVCs.
- Sinus rhythm plus atrial premature complexes conducted with LBBB and variable AV block.
- Multifocal atrial rhythm with intermittent LBBB.
- Mobitz type I (Wenckebach) AV block with intermittent LBBB.

### QUESTION 2: Would you:

- Tell him that the arrhythmia is benign and no further action is necessary, unless he develops symptoms.
- Do further tests to establish whether his heart is structurally normal.
- Do an exercise stress test to look for evidence of ischaemia.
- Prescribe an antiarrhythmic drug to suppress the arrhythmia.
- Consider implanting a permanent pacemaker.

Please analyse the ECG carefully and commit yourself to an answer before checking the explanation.

**ANSWER** on page 46