



A 47-year-old man presents with palpitations to the arrhythmia clinic.

## QUESTION 1: What is the best description of this ECG?

1. Sinus bradycardia with 1st degree AV block, left anterior fascicular block (LAFB) and right bundle branch block (RBBB).
2. Sinus bradycardia with 1st degree AV block, LAFB and a Brugada pattern.
3. Sinus bradycardia with 1st degree AV block, LAFB and an early repolarisation pattern.
4. Sinus bradycardia with 1st degree AV block, LAFB and an epsilon wave.
5. Sinus bradycardia with 1st degree AV block, LAFB and a Wellens' pattern.

## QUESTION 2: What is the possible underlying diagnosis?

1. Cardiac sarcoidosis.
2. Brugada syndrome.
3. Acute coronary syndrome.
4. Arrhythmogenic right ventricular cardiomyopathy (ARVC).
5. Ostium primum ASD.
6. 1 and 4 are possibilities.

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

**ANSWER** on page 338