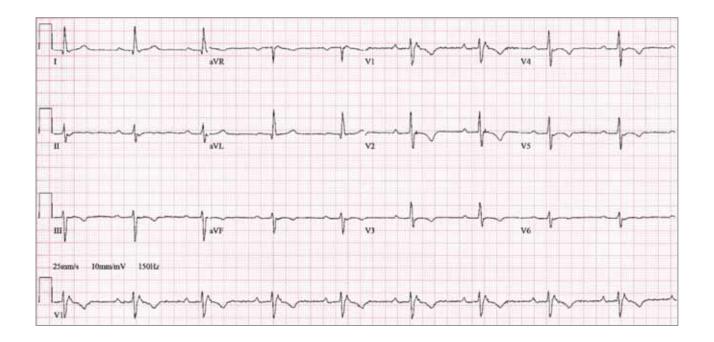




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A 47-year-old man presents with palpitations to the arrhythmia clinic.

QUESTION I: What is the best description of this ECG?

- I. 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?

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

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

ANSWER on page 338