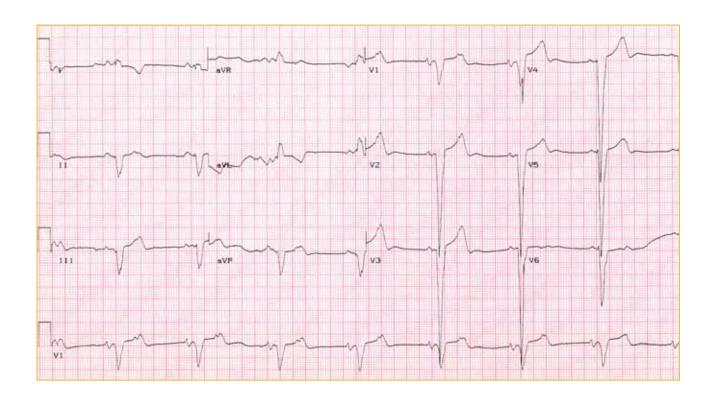




## R. Scott Millar

Cardiac Clinic, University of Cape Town / Groote Schuur Hospital Cardiac Arrhythmia Society of Southern Africa (CASSA)



ECG of a 64-year-old man who complained of tiredness, decreased effort tolerance and occasional palpitations.

## QUESTION I: Which ONE of the following best describes this ECG?

- a. Sinus bradycardia with atypical LBBB.
- b. Sinus bradycardia with inferior myocardial infarct.
- c. 2:1 AV block with non-specific intraventricular conduction delay.
- d. Atrial bigeminy with block and atypical LBBB.
- e. Mobitz II AV block and atypical LBBB.
- f. Sinus bradycardia with left ventricular hypertrophy and QRS widening.

## **QUESTION 2: What treatment would you recommend?**

- a. Implantation of a dual chamber pacemaker.
- b. Implantation of a biventricular pacemaker.
- c. Do a 24 hour Holter monitor, to see if his symptoms correlate with bradycardia, before deciding.

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

**ANSWER** on page 90