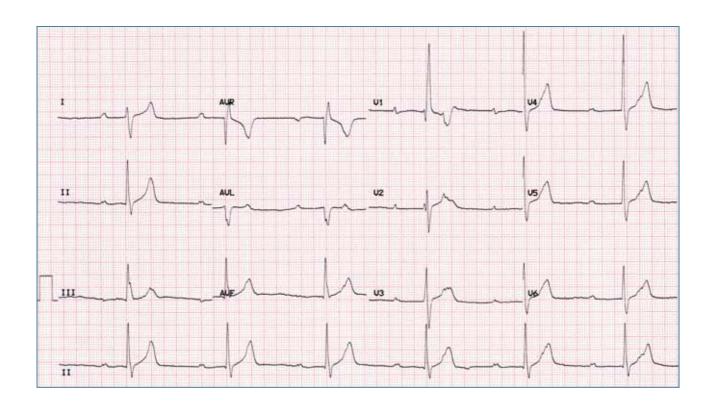




## R. Scott Millar and Ashley Chin

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



ECG of a 29-year-old man who complained of dizziness with exertion.

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

- a. Sinus rhythm with complete heart block; wide QRS escape.
- b. Sinus bradycardia with first degree AV block; left posterior fascicular block + RBBB.
- c. Sinus bradycardia with 2:1 AV block; left posterior fascicular block + RBBB.
- d. Sinus bradycardia with first degree AV block; right ventricular hypertrophy.

## QUESTION 2: Which of the following would you consider appropriate:

a. Exercise stress test d. Endomyocardial biopsy

b. Permanent pacemaker implantation e. All of the above

c. MRI scan

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

ANSWER on page 230