



ECG recorded from a 14-year-old boy who became dizzy with palpitations while playing soccer. He had previously had palpitations with exercise.

### QUESTION 1: Which ONE of the following best describes this ECG:

- a. Sustained monomorphic ventricular tachycardia.
- b. Atrioventricular re-entry tachycardia with LBBB.
- c. Antidromic AVRT (WPW).
- d. Idiopathic RV outflow tract tachycardia.

### QUESTION 2: Which of the following is most likely to help with diagnosis:

- a. Carotid sinus massage.
- b. ECG in sinus rhythm.
- c. Adenosine.
- d. Signal averaged ECG.

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

**ANSWER** on page 546