



A 17-year-old man presents with palpitations. He has a structurally normal heart on clinical examination.

QUESTION 1: Which ONE of the following is the best ECG diagnosis?

1. Ventricular tachycardia arising from the right ventricular body.
2. Supraventricular tachycardia with right bundle branch block (RBBB) and left anterior fascicular block.
3. Pre-excited tachycardia over a left-sided accessory pathway.
4. Ventricular tachycardia arising from the left ventricle.
5. Supraventricular tachycardia with an intraventricular conduction abnormality.

QUESTION 2: What treatment is most likely to be effective in the acute setting

1. Vagal manoeuvres
2. Intravenous adenosine
3. Intravenous beta-blockers
4. Intravenous verapamil
5. Intravenous amiodarone

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

ANSWER on page 316