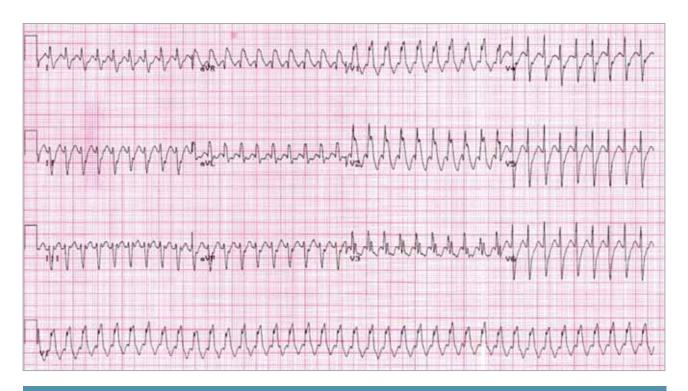




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A 17-year-old man presents with palpitations. He has a structurally normal heart on clinical examination.

QUESTION I: 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