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.