

Picture Quiz: Question

Picture Quiz: A young man with palpitations

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A 17 year old male was referred to the Accident and Emergency department (A&E) by his GP after he had experienced an episode of palpitations associated with dyspnoea whilst attempting exercise. He did not have any past cardiac history.

On arrival at A&E he was alert, orientated and haemodynamically stable, with a blood pressure of 110/74, but a heart rate of 150–180 beats per minute (bpm). Electrocardiogram (ECG) demonstrated an irregular broad complex tachycardia with a rate of

approximately 180 bpm (Figure 1). After treatment a further ECG was obtained (Figure 2).

Questions

1. What are the findings on the patient's first ECG?
2. What is the acute treatment of the condition?
3. What are the findings of ECG No 2?
4. What is the long term treatment of the condition?

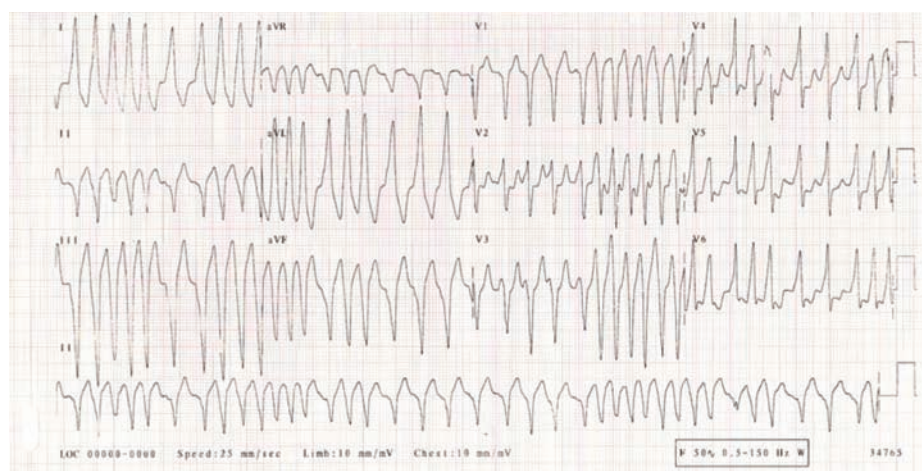


Figure 1.

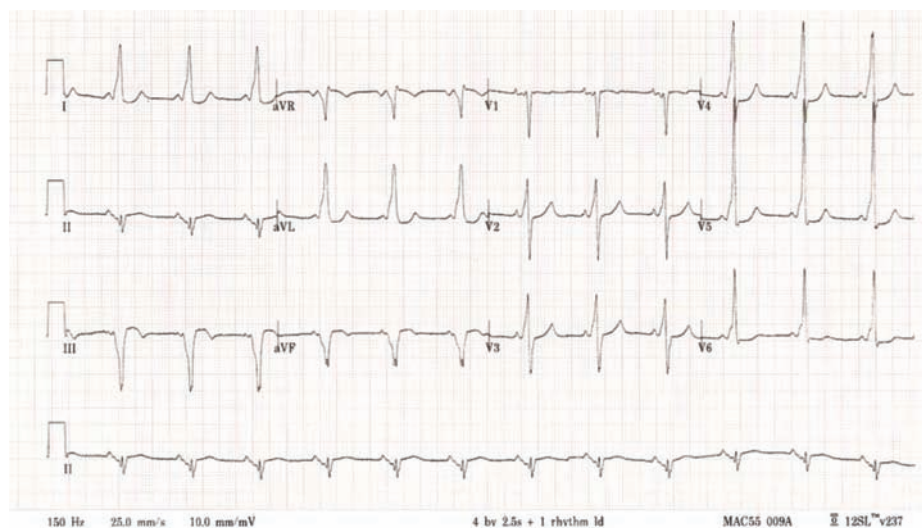


Figure 2.

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