

ECG #35

A 56-year-old man presents to the emergency department chest pain, palpitations, and diaphoresis.

Describe and interpret his initial 12-lead electrocardiogram:



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DESCRIPTION:

- Ventricular rate 231 bpm
- Broad complex tachycardia
- Extreme QRS axis deviation (180°); QRS is positive in aVR and negative in I and aVF
- Very broad QRS complexes; QRS duration 170 ms
- Right bundle branch block pattern

INTERPRETATION:

[Ventricular tachycardia versus SVT with aberrancy?](#)

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Post-cardioversion...



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DESCRIPTION:

- Ventricular rate 85 bpm
- Sinus rhythm with frequent premature ventricular contractions
- PR interval 158 ms
- Normal QRS axis (5°)
- Broad QRS complexes with right bundle branch pattern; QRS duration 132 ms
- QTc 495 ms

INTERPRETATION:

[Ventricular tachycardia versus SVT with aberrancy?](#)