

ECG Contest

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An 86-year-old woman with a single-chamber pacemaker (VVIR mode with lower rate limit of 70 bpm, 10% hysteresis, and accelerometer sensor with upper rate of 130 bpm) presented to an emergency room in an asymptomatic state after high heart rates were detected on taking a blood pressure measurement. An electrocardiogram was recorded at rest (Figure). The cardiologist was consulted on suspicion of device failure.

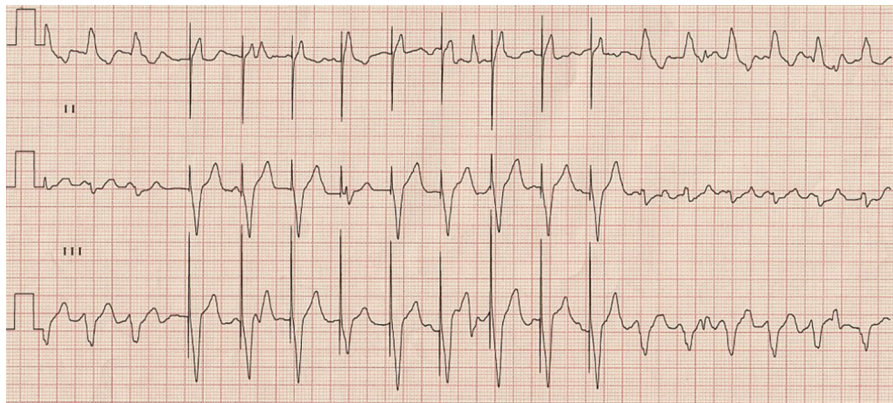


Figure.

What do you think was the diagnosis?

1. The pacemaker sensor was working normally.
2. The pacemaker was working normally; what we see is a rate damping algorithm.
3. The patient had endless-loop tachycardia.
4. This was an automatic search for pacing threshold.

Suggest a diagnosis to this ECG Contest at: <http://www.revespcardiol.org/es/electroreto/70/11>. The answer will be published in the next issue (December 2017). #EKGchallenge.

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