

## ECG Contest

## ECG, June 2017

## ECG de junio de 2017

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An 80-year-old man attended the clinic with symptoms of heart failure. Eight years earlier, he received a replacement DDDR pacemaker for Mobitz II atrioventricular (AV) block (lower rate limit, 60; upper tracking rate, 120; sensor rate, 120; automatic mode switching 160; AV delay, sensed 150 ms and paced 180 ms; bipolar sensing, monopolar stimulation). An electrocardiogram was recorded (Figure).

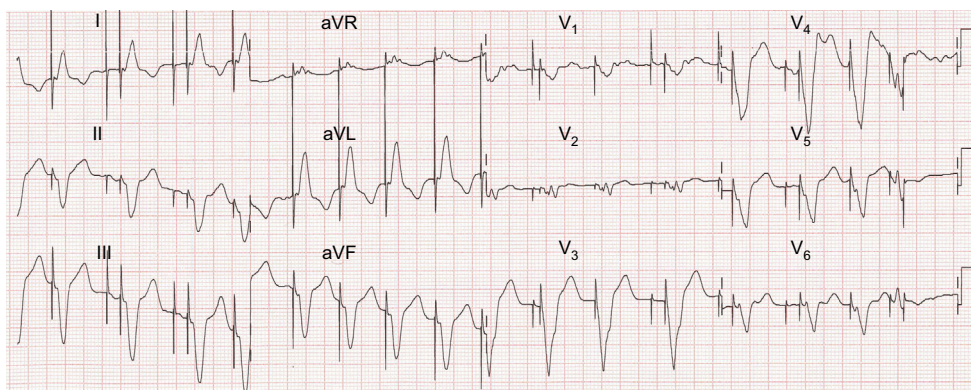


Figure.

What do you think was the most likely diagnosis?

1. The patient had circus movement tachycardia (ventricular pacing at the upper rate limit)
2. The patient had atrial fibrillation poorly sensed by the device and mode switching has not occurred.
3. The patient had a dysfunctional device with defective sensing and capture and chaotic pacing via the atrial and ventricular channels.
4. The patient had sinus tachycardia secondary to heart failure, tracked by the pacemaker but with defective atrial sensing.

Suggest a diagnosis to this ECG Contest at <http://www.revespcardiol.org/es/electroreto/70/06>. The answer will be published in the next issue (July 2017). #RetoECG.

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