

## ECG Contest

## ECG, July 2016

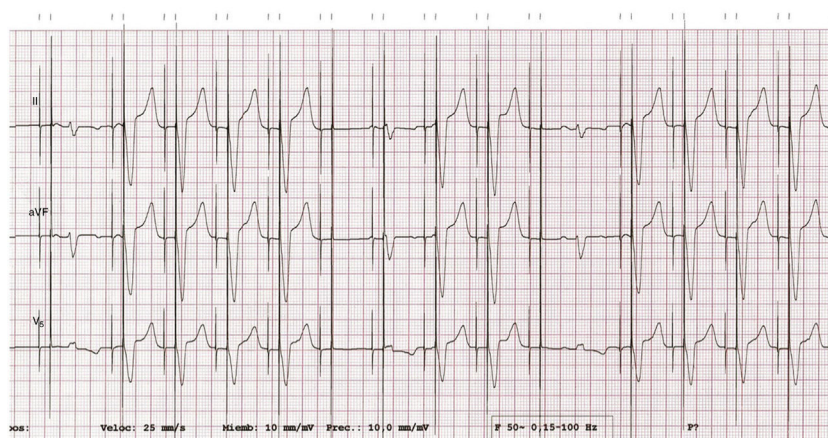
## ECG de julio de 2016



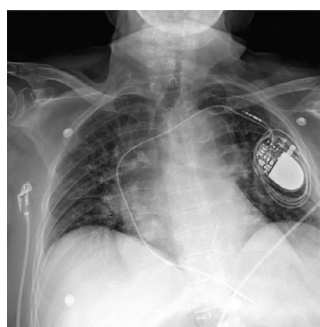
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We report the case of an 86-year-old woman who presented to the emergency department with syncope and spasms in left upper extremity. She had recently undergone implantation of a dual-chamber pacemaker because of symptomatic, paroxysmal, complete atrioventricular block secondary to syncope. **Figure 1** shows the electrocardiogram on her arrival at the emergency room and **Figure 2**, the chest radiograph.



**Figure 1.**



**Figure 2.**

Which diagnosis is most probable?

1. Loss of ventricular capture and loss of atrial sensing and capture due to ratchet syndrome.
2. Loss of ventricular capture and loss of atrial sensing and capture due to twiddler syndrome.
3. Loss of ventricular capture and loss of atrial sensing and capture due to reel syndrome.
4. Loss of ventricular capture due to probable ionic remodeling. Atrial lead not implanted.

Suggest a solution to this ECG contest at <http://www.revespcardiologia.org/es/electroreto/69/07> #RetoECG (only Spanish). The answer will be published in the next issue (August 2016).

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