ECG Contest

ECG, October 2016

Francisco Buendía Fuentes* and M. Asunción Hervás Botella

Servicio de Cardiología, Hospital Arnau de Vilanova, Valencia, Spain

A 58-year-old man, with no personal or family history of cardiovascular disease and with obesity (BMI, 35.4) as the sole cardiovascular risk factor, attended his health center with a 48-hour history of persistent nonexertion-related pain in his left arm. The patient had no previous fever or infectious process. He underwent ECG in the health center (Figure) and was referred to a hospital emergency room, where serial ECG failed to detect any alterations. In the hospital, serial determination of ultrasensitive troponin I showed normal values. The basic cardiological study was completed with echocardiography, which showed good biventricular systolic function, with no regional contractility alteration, valve disease, or pericardial effusion.

![ECG graph](https://example.com/figure.png)

**Figure.**

What diagnosis is indicated by the ECG?

1. ST elevation acute coronary syndrome.
2. Non-ST elevation acute coronary syndrome.
3. Apical hypertrophic cardiomyopathy.

Suggest a solution to this ECG Contest at [http://www.revespcardiol.org/es/electroreto/69/10](http://www.revespcardiol.org/es/electroreto/69/10). The answer will be published in the next issue (November 2016). #RetoECG.

* Corresponding author:
E-mail address: franciscobuendiafuentes@hotmail.com (F. Buendía Fuentes).