ECG Contest

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A 70-year-old man with a personal history of hypertension, stroke, and single-vessel ischemic heart disease involving the right coronary artery treated with percutaneous placement of a drug-eluting stent, was admitted for syncope, hypotension, and severe bradycardia. A definitive DDD pacemaker was implanted with atrioventricular sensing set to 90 ms and atrioventricular pacing set to 140 ms. An electrocardiogram was recorded during a follow-up visit (Figure), when the patient was asymptomatic.

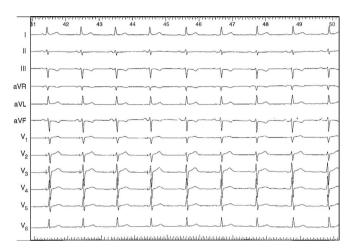


Figure.

What is the most likely diagnosis?

- 1. Loss of ventricular capture due to lead dislodgement
- 2. Loss of ventricular capture due to pacing of necrotic tissue
- 3. Twiddler syndrome
- 4. Normal pacemaker operation

Suggest a solution to this ECG Contest at http://www.revespcardiol.org/en/electroreto/70/02. The answer will be published in the next issue (March 2017). #ECG Contest.

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