Quiz: ICD

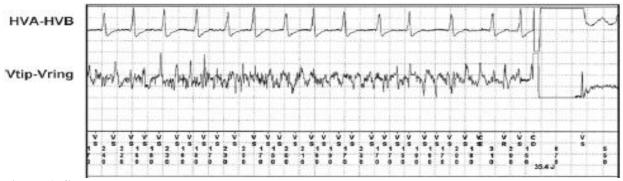


Figure 1. Stored electrogram

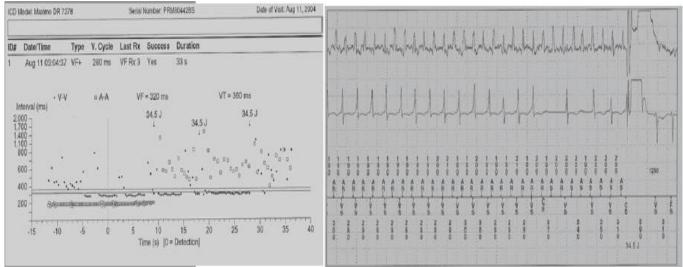


Figure 2. Stored electrograms

Consider these cases. What happened and what reasons led to this?

A. Inappropriate ICD discharges: noise on the RV electrode - Fig.1, Rapid atrial fibrillation - Fig.2

B. Inappropriate ICD discharges: T wave oversensing - Fig.1, Rapid atrial flutter - Fig.2 C. Appropriate ICD discharges: Ventricular fibrillation - Fig.1, Rapid ventricular tachycardia - Fig.2

D. Inappropriate ICD discharges: T wave oversensing - Fig.1, Pacemaker-mediated tachycardia - Fig.2 Ayan Abdrakhmanov, Zhandos Esilbayev Department of Interventional Arrhythmology National Research Cardiac Surgery Center Nur-Sultan, Kazakhstan **Peer-review:** Internal **Conflict of interest:** None to declare **Authorship:** A.A. and Z.E. equally contributed to preparation of quiz **Acknowledgement and funding:** None to declare

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