Stereotactic Body Radiotherapy for Idiopathic Subtricuspid Ventricular Arrhythmia

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Abstract

Introduction: In cases of recurrent ventricular arrhythmias (RVA) after radiofrequency ablation (RFA), stereotactic body radiotherapy (SBRT) using a single high dose of has emerged as an effective treatment. **Methods And Results:** SBRT was performed as treatment of an Idiopathic Subtricuspid Ventricular Arrhythmia recurrent to RFA with progressive cardiac function deterioration despite the staggered use of antiarrhythmic drugs. No sedation was required, and the patient tolerated the procedure with no related complications. During post-procedural follow-up the arrhythmic density dropped from 33% to 1% in 90 days. **Conclusions:** SBRT can be an effective treatment for RVA that should be further investigated.

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