

# Cohort Study - SBRT for VT Radioablation

NCT04162171

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Status	RECRUITING
Phase	Not Applicable
Sponsor	John Sapp
Enrollment	12 participants

## Key Eligibility Criteria

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### Inclusion (2)

- Structural heart disease: ischemic or non-ischemic cardiomyopathy diagnosed with cardiac imaging demonstrating either segmental myocardial dysfunction, or presence of scar, AND
- One of the following monomorphic VT events despite prior attempted catheter ablation (or contraindication for ablation), AND despite treatment with a class III antiarrhythmic drug (contraindicated, ineffective or not tolerated): A: Documented sustained monomorphic VT terminated by pharmacologic means, DC cardioversion or manual ICD Therapy. B: e3 episodes of monomorphic VT treated with antitachycardia pacing (ATP), at least one of which was symptomatic C: e 5 episodes of monomorphic VT treated with antitachycardia pacing (ATP) regardless of symptoms D: e1 appropriate ICD shocks, E: e3 monomorphic VT episodes within 24 hours \\*\\* VT events must be confirmed by ECG/monitor or ICD download.

### Exclusion (6)

- Unable or unwilling to provide informed consent
- Have received prior radiotherapy to the likely treatment field
- Inotrope-dependent heart failure or an anticipated life-expectancy of < 1 year in the absence of VT
- Presenting arrhythmia: polymorphic VT or ventricular fibrillation (VF)
- Pregnancy
- ... and 1 more (see full listing online)

## Locations (1 total)

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Nova Scotia Health Authority, Halifax, Nova Scotia, Canada