

RELIVE (Randomized Evaluation of Less Invasive Ventricular Enhancement) Trial

NCT06813820

Status	RECRUITING
Phase	Not Applicable
Sponsor	BioVentrix
Enrollment	135 participants

Key Eligibility Criteria

Inclusion (11)

- years old or older
 - LV Aneurysm or Scar Presence: Defined by presence of a contiguous acontractile (akinetic and/or dyskinetic) non-calcified scar
 - LV Aneurysm/Scar Location: Defined as a scar involving anterior, apical or anterolateral ± septal regions of the left ventricle as evidenced by cardiac imaging (Viability of myocardium in regions remote from area of intended scar exclusion as evidenced by cardiac imaging)
 - Left Ventricular Ejection Fraction \leq 40%
 - Left ventricular end-systolic volume index \geq 60 mL/m²
- ... and 6 more (see full listing online)

Exclusion (13)

- Candidates will be excluded from the study if ANY of the following conditions is present:
 - Cardiac Resynchronization Therapy (CRT) or ICD pacing lead placement \leq 90 days prior to enrollment
 - Valvular heart disease, which in the opinion of the investigator, will require intervention (transcatheter or surgical)
 - Mitral Regurgitation greater than moderate (\geq 2+)
 - Need for coronary revascularization, in the opinion of the investigator
- ... and 8 more (see full listing online)

Locations (6 total)

Banner University Medical Center, Phoenix, Arizona, United States
Baptist Health South Florida, Miami, Florida, United States
University of Chicago, Chicago, Illinois, United States
... and 3 more locations

<https://clinicaltrials.gov/study/NCT06813820>

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