

Exercise Intolerance in Non-obstructive Hypertrophic Cardiomyopathy

NCT05818605

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of California, San Francisco
Enrollment	70 participants

Key Eligibility Criteria

Inclusion (6)

- Patients 18 to 80 years of age with diagnosis of hypertrophic cardiomyopathy¹ defined by left ventricular hypertrophy with end-diastolic wall thickness 15 mm or greater on 2D echocardiography in the absence of other primary causes of left ventricular hypertrophy or wall thickness between 13 and 15 mm in the presence of other features suggestive of hypertrophic cardiomyopathy, such as systolic anterior motion of the mitral valve leaflets, family history of hypertrophic cardiomyopathy, or positive genetic test result.
 - Left ventricular outflow tract gradient ≤ 30 mmHg at rest and with provocation.
 - Left ventricular ejection fraction $\geq 50\%$ by biplane Simpson's method.
 - Access to exercise equipment at home or at a fitness center.
 - Ability to complete study related testing including online surveys and smart phone use
- ... and 1 more (see full listing online)

Exclusion (11)

- History of exercise-induced syncope or ventricular arrhythmias
 - LVOT obstruction being evaluated for septal reduction therapy; less than 3 months after
 - History of septal reduction therapy - surgery or ablation
 - History of ICD placement in the previous 3 months
 - History of hypotensive response with exercise testing (≥ 20 mm Hg decrease of systolic blood pressure from baseline blood pressure or an initial increase in systolic blood pressure followed by a decrease of systolic blood pressure ≥ 20 mm Hg)
- ... and 6 more (see full listing online)

Locations (1 total)

University of California - San Francisco, San Francisco, California, United States