

# A Prospective, Multicenter, Randomized Controlled Trial to Investigate the Value of Coronary CT Angiography in the Understanding and Management of Coronary Calcium (The Optimal Trial)

NCT07286578

---

<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Fundación EPIC
<b>Enrollment</b>	700 participants

## Key Eligibility Criteria

---

### Inclusion (4)

- The subject must be at least 18 years of age and younger than 85 years old
- Subject must have evidence of myocardial ischemia (e.g., stable angina, silent ischemia (ischemia in the absence of chest pain or other anginal equivalents), unstable angina, or acute myocardial infarction) suitable for PCI. Patients with a clinical indication for revascularization presenting with stable coronary artery disease or stabilized acute coronary syndrome defined as follows: unstable angina (Braunwald class IB, IC, IIB, IIC, IIIB, IIIC), patients with NSTEMI without high-risk features such as recurrence of chest pain, ST-segment depression  $\geq 1$  mm in  $\geq 6$  leads plus ST-segment elevation in aVR, life-threatening arrhythmias, mechanical complications of MI, resuscitated cardiac arrest, GRACE risk score  $\geq 140$ .
- All target vessels must have reference vessel diameter (visually assessed by CCTA)  $\geq 2.5$  mm
- Subject must provide written informed consent before any study-related procedure

### Exclusion (21)

- STEMI as the clinical presentation.
  - Uncontrolled or recurrent ventricular tachycardia.
  - Hemodynamic instability.
  - Hemodialysis or peritoneal dialysis.
  - Left main coronary artery stenosis  $\geq 50\%$
- ... and 16 more (see full listing online)

## Locations (13 total)

---

Brigham and Women's Hospital, Boston, Massachusetts, United States  
Minneapolis Heart Institute, Minneapolis, Minnesota, United States  
HACKENSACK MERIDIAN HEALTH, Inc, Jersey City, New Jersey, United States  
... and 10 more locations

---

<https://clinicaltrials.gov/study/NCT07286578>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at [ClinicalTrials.gov](https://clinicaltrials.gov). Generated by [ClinicalTrialsFinder.org](https://clinicaltrialsfinder.org).