

# Optimization of Complex Percutaneous Coronary Intervention With Liberal Use of Intracoronary Imaging Versus Contemporary Practice

NCT07114393

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**Status** RECRUITING  
**Sponsor** Cathreine BV  
**Enrollment** 11,092 participants

## Key Eligibility Criteria

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### Inclusion (13)

- All patients above the age of 18, included in the Netherlands Heart Registration (NHR) quality database after receiving PCI in complex coronary lesions, will be included in the analyses of this project.
- Meeting one or more of the following complexity criteria:
- Left main: A stenosis of  $>50\%$  and/or a FFR  $\leq 0.80$  and iFR  $\leq 0.89$  in the left main.
- Severely calcified lesion: Defined as use of calcium modification therapy (e.g. cutting balloon, scoring balloon, rotablation, orbital atherectomy, intravascular lithotripsy).
- Chronic total occlusion: Coronary CTO is defined as an obstruction of the coronary artery with the following classic lesion characteristics:  
... and 8 more (see full listing online)

### Exclusion (1)

- Non complex PCI

## Locations (1 total)

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Catharina hospital Eindhoven, Eindhoven, North Brabant, Netherlands