

# Deep Learning CAD Screening on Chest CT

NCT07181512

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**Status** RECRUITING  
**Sponsor** Yifan Guo  
**Enrollment** 200 participants

## Key Eligibility Criteria

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### Inclusion (3)

- Age ≥18 years
- Patients who underwent both non-contrast chest CT and coronary CT angiography (CCTA) within 30 days
- Coronary segments clearly visualized on non-contrast chest CT

### Exclusion (3)

- Segments with motion artifacts, metal artifacts, or stents preventing analysis
- Vessel lumen completely obscured by calcification (unrecognizable vascular course)
- Inability to match coronary segment location between non-contrast chest CT and CCTA

## Locations (2 total)

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The First Affiliated Hospital of Zhejiang Chinese Medical University, Hangzhou, Zhejiang, China  
The First Affiliated Hospital of Ningbo University, Ningbo, Zhejiang, China