

# Vibrometer Based Pulse Wave Analysis for Arterial Stiffness and Ischemic Heart Disease Risk Assessment

NCT06984211

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**Status** RECRUITING  
**Sponsor** HJN Sverige AB/Neko Health  
**Enrollment** 8,000 participants

## Plain Language Summary

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This study is testing a new device that measures pulse wave velocity (how fast a pressure wave travels through your arteries) using a small vibrating sensor held gently against the skin — similar to how a tuning fork works. Stiffer arteries are linked to higher risk of heart attack, and this tool may offer an easier way to assess that risk without complex procedures.

**\*\*You may be eligible if...\*\***

- You are an adult patient receiving routine care at one of the study clinics, or have been separately invited to participate
- You are able to understand the study information (in Swedish or English) and give consent

**\*\*You may NOT be eligible if...\*\***

- You have cognitive impairment that prevents understanding the study
- You cannot communicate in Swedish or English
- You have a severe or terminal illness (such as active sepsis, severe COPD, or metastatic cancer) that makes participation unsafe

Talk to your doctor to see if this trial is right for you.

## Key Eligibility Criteria

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### Inclusion (2)

- Adult patients that are part of the regular healthcare patient flow at the investigational sites, or as separately invited to participate in this investigation.
- Patients with signed informed consent

### Exclusion (4)

- Cognitive impairment
- Patients unable to understand the oral and written study information in Swedish or English
- Other severe disorder or terminal disease, e.g. infection/sepsis, severe COPD or metastatic cancers.
- Patients unable to provide an informed consent

## Locations (3 total)

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Atrium Health Care Centre, Stockholm, Sweden  
Neko Health Centre, Regeringsgatan, Stockholm, Sweden  
Neko Health Centre, Sibyllegatan, Stockholm, Sweden

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<https://clinicaltrials.gov/study/NCT06984211>

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