

Quantitative-imaging in Cardiac Transthyretin Amyloidosis

NCT05776212

Status	RECRUITING
Sponsor	University of Edinburgh
Enrollment	140 participants

Plain Language Summary

This study is using advanced imaging tools to better measure and understand two conditions that cause thickening and stiffening of the heart muscle: cardiac amyloidosis (where abnormal proteins called amyloid build up in the heart) and hypertrophic cardiomyopathy (HCM, a genetic thickening of the heart muscle). The goal is to improve how these conditions are diagnosed and monitored over time.

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

- You are over 40 with confirmed ATTR or AL cardiac amyloidosis (protein buildup in the heart)
- You are over 30 with hypertrophic cardiomyopathy (HCM)
- Your diagnosis meets established expert consensus guidelines

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

- You are pregnant, breastfeeding, or a woman of childbearing potential (unless surgically sterile or postmenopausal)
- You are unable or unwilling to give informed consent

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

Key Eligibility Criteria

Inclusion (5)

- Completion of informed consent
- Age \geq 40 years for patients with ATTR or AL cardiac amyloidosis and age \geq 30 years for patients with HCM
- ATTR cardiac amyloid according to Expert Consensus Recommendations
- AL amyloidosis according to Expert Consensus Recommendations
- Hypertrophic cardiomyopathy according to European Society of Cardiology guidelines

Exclusion (8)

- Inability or unwilling to give informed consent
- Women who are pregnant, breastfeeding or of child-bearing potential (women who have experienced menarche, are pre-menopausal and have not been sterilised) will not be enrolled into the trial.
- Renal dysfunction (eGFR \leq 30 mL/min/1.73m²)
- NYHA Class IV heart failure
- Patients with atrial fibrillation and poor rate control.

... and 3 more (see full listing online)

Locations (1 total)

University Medical Centre Groningen, Groningen, Netherlands

<https://clinicaltrials.gov/study/NCT05776212>

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