Non-invasive Assessment of Coronary Artery Disease in Patients with Chest Pain.

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON24749

Source
NTR

Brief title
N/A

Health condition

Patients with suspected coronary artery disease

Sponsors and support

Source(s) of monetary or material Support: Netherlands Heart Foundation

Intervention

Outcome measures

Primary outcome

MSCT may improve (as compared to MPI) the diagnosis of patients presenting with chest pain complaints and an intermediate likelihood of CAD.

Particularly in these patients, a non-invasive test with a high specificity (to exclude CAD) is

needed to allow optimal management of patients. Currently, MPI is used for this purpose, but the specificity of MPI is suboptimal (70%).

Secondary outcome

N/A

Study description

Background summary

N/A

Study objective

In patients presenting with chest pain complaints and an intermediate risk of coronary artery disease, Multi-Slice Computed Tomography (MSCT) will have a higher specificity as compared to myocardial perfusion imaging (MPI). Accordingly, MSCT may serve as an accurate first-line evaluation tool.

Study design

N/A

Intervention

MSCT coronary angiography in addition to myocardial perfusion imaging (MPI).

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Eligibility criteria

Inclusion criteria

Adult patients (having obtained legal majority age) with chest pain complaints and an intermediate pre-test likelihood of CAD (based on the Diamond and Forrester method) with the need for additional imaging studies to evaluate the presence/absence of CAD.

Exclusion criteria

Fertile women, patients with severe renal failure, patients presenting with a known allergy to iodine contrast media, patients included in another clinical trial, patients under guardianship, and patients whose degree of cooperation is incompatible with carrying out the study.

Study design

Design

Study type:	Interventional
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	01-10-2004

Enrollment:	100
Type:	Actual

Ethics review

Positive opinion Date:	15-09-2005
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL446
NTR-old	NTR486
Other	: N/A
ISRCTN	ISRCTN65675235

Study results

Summary results
N/A