The number of cerebral emboli during coronary angiography depends on the access site

Submission date	Recruitment status	Prospectively registered
09/11/2009	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
10/12/2009	Completed	Results
Last Edited	Condition category	[] Individual participant data
10/12/2009	Circulatory System	Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Jesper Nyman

Contact details

Department of Cardiothoracic Surgery and Anaesthesiology Karolinska University Hospital Stockholm Sweden 17176

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

Α1

Study information

Scientific Title

The number of cerebral emboli during coronary angiography depends on the access site: a randomised single-centre clinical trial

Study objectives

There are more cerebral emboli during coronary angiography when accessing radial artery compared to femoral artery.

Ethics approval required

Old ethics approval format

Ethics approval(s)

The Local Board of Ethics (EPN) in Sweden approved on the 4th October 2006 (ref: 2006/1077-31/2)

Study design

Randomised single-centre clinical trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Hospital

Study type(s)

Screening

Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

Health condition(s) or problem(s) studied

Ischaemic heart disease

Interventions

Transcranial doppler measuring number of emboli during coronary angiography. Randomised access site during coronary angiography: radial or femoral.

Intervention Type

Other

Phase

Not Applicable

Primary outcome measure

Total number of cerebral emboli, measured throughout the angiography

Secondary outcome measures

Measured throughout the angiography:

- 1. Number of particulate cerebral emboli
- 2. Number of gaseous cerebral emboli

Overall study start date

01/02/2007

Completion date

01/01/2009

Eligibility

Key inclusion criteria

- 1. Outpatients with stable angina pectoris planned for coronary angiography
- 2. Male and female
- 3. Aged 40 79 years

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

50

Key exclusion criteria

- 1. Positive Allens test
- 2. No written informed consent

Date of first enrolment

01/02/2007

Date of final enrolment

01/01/2009

Locations

Countries of recruitment

Sweden

Study participating centre

Department of Cardiothoracic Surgery and Anaesthesiology

Stockholm Sweden 17176

Sponsor information

Organisation

Karolinska University Hospital (Sweden)

Sponsor details

c/o Jan van der Linden Department of Cardiothoracic Surgery and Anaesthesiology Stockholm Sweden 17176

Sponsor type

Hospital/treatment centre

Website

http://www.ki.se/

ROR

https://ror.org/00m8d6786

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Karolinska University Hospital (Sweden)

Results and Publications

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summaryNot provided at time of registration