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

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

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
A1

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 summary

Not provided at time of registration