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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

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Additional identifiers

Protocol serial number
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)

Primary study design
Interventional

Study design
Randomised single-centre clinical trial

Study type(s)
Screening

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(s)
Total number of cerebral emboli, measured throughout the angiography

Key secondary outcome(s)
Measured throughout the angiography:
1. Number of particulate cerebral emboli
2. Number of gaseous cerebral emboli

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

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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)

ROR
https://ror.org/00m8d6786

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Karolinska University Hospital (Sweden)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration