# 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	<ul><li>Record updated in last year</li></ul>

### 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

### Protocol serial number

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

### 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

### **Study outputs**

Output type Details Date created Date added Peer reviewed? Patient-facing?

Participant information sheet 11/11/2025 No Yes