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# 64 slice computed tomography angiography (CTA) and rotational digital subtraction angiography (DSA) in the assessment of patients with subarachnoid haemorrhage: a study to improve effectiveness and reduce patient radiation dose

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|---|---|---|
| **Submission date**<br>26/05/2005 | **Recruitment status**<br>No longer recruiting | [X] Prospectively registered<br>[_] Protocol<br>[_] Statistical analysis plan<br>[X] Results<br>[_] Individual participant data |
| **Registration date**<br>13/07/2005 | **Overall study status**<br>Completed | |
| **Last Edited**<br>30/07/2012 | **Condition category**<br>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**
05/Q0108/194

# Study information

**Scientific Title**

**Study objectives**
64 slice CTA is just as good as DSA for the detection of intra cerebral aneurysms and is superior to 16 slice CTA in rsolution and dose to the patient.

**Ethics approval required**
Old ethics approval format

**Ethics approval(s)**
Not provided at time of registration

**Study design**
Randomised controlled trial

**Primary study design**
Interventional

**Secondary study design**
Randomised controlled trial

**Study setting(s)**
Hospital

**Study type(s)**
Diagnostic

**Participant information sheet**

**Health condition(s) or problem(s) studied**
Subarachnoid haemorrhage

**Interventions**
64 slice computed tomography angiography (CTA) versus 16 slice CTA versus rotational digital subtraction angiography (DSA)

**Intervention Type**
Other

**Phase**
Not Specified

### Primary outcome measure
Ability to detect intracranial aneurysms

### Secondary outcome measures
Radiation dose administered

### Overall study start date
01/10/2005

### Completion date
31/12/2006

## Eligibility

### Key inclusion criteria
All patients admitted with sub-arachnoid haemorrhage to the Neurosurgery department.

### Participant type(s)
Patient

### Age group
Adult

### Sex
Both

### Target number of participants
100

### Key exclusion criteria
Does not match inclusion criteria

### Date of first enrolment
01/10/2005

### Date of final enrolment
31/12/2006

## Locations

### Countries of recruitment
England

United Kingdom

### Study participating centre
**University Department of Radiology**
Cambridge

United Kingdom
CB2 2QQ

# Sponsor information

**Organisation**
Addenbrookes NHS Trust (UK)

**Sponsor details**
Addenbrooke's Hospital
Hills Road
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**Sponsor type**
Hospital/treatment centre

**ROR**
https://ror.org/055vbxf86

# Funder(s)

**Funder type**
University/education

**Funder Name**
University of Cambridge (UK) - Internal University departmental funding

# 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

## Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|---|---|---|---|---|---|
| Results article | results | 01/05/2005 | | Yes | No |