

Coronary intervention dose reduction & image quality survey

Submission date 29/09/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 29/09/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 29/01/2015	Condition category Circulatory System	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Mohnaraj Sivanathan

Contact details
Room 170
Cardiology Department
D Floor Jubilee Wing
Great George Street
Leeds
United Kingdom
LS1 3EX

Additional identifiers

Protocol serial number
N0436165538

Study information

Scientific Title
Coronary intervention dose reduction & image quality survey

Study objectives

To evaluate the potential for reducing staff and patient X-ray dose during interventional coronary procedures (opening up blocked sections of coronary blood vessels) exploiting the improved technical properties of a new design of cardiac x-ray imaging system.

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

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Cardiovascular: Coronary disease

Interventions

Not provided at time of registration

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Measurement of X-ray dose (via average DAP rates) - endpoint to establish the potential radiation dose savings to patients and staff in interventional coronary procedures.
2. Measurements of clinical image quality using a scoring protocol - endpoint to verify that an appropriate level of clinical image quality can be maintained following dose reduction.

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/03/2008

Eligibility**Key inclusion criteria**

Any patient scheduled for coronary intervention is in principal eligible for inclusion as participant in the study, subject to the appropriate consent conditions.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/03/2005

Date of final enrolment

01/03/2008

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Leeds General Infirmary

Leeds

United Kingdom

LS1 3EX

Sponsor information

Organisation

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Leeds Teaching Hospitals NHS Trust (UK)

Funder Name

NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration